



2018-2019
**INSTRUCTIONAL
PRODUCTS CATALOG**



AMERICAN
PRINTING
HOUSE

800.223.1839

APH.ORG



**WE'RE PROUD
TO INTRODUCE
THIS YEAR'S
NEW AND
REVISED
PRODUCTS!**

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MISSION STATEMENT

The American Printing House for the Blind promotes independence of people who are blind and visually impaired by providing specialized materials, products, and services needed for education and life.

CORPORATE STATUS

The American Printing House for the Blind, Inc. is a 501(c)(3) non-profit organization. Gifts, therefore, are tax deductible.



WHAT IS THE CORE AND EXPANDED CORE CURRICULUM?

CORE CURRICULUM

Educators define core curriculum as the knowledge and skills a student should learn by high school graduation. This foundation, for almost all learning, is generally related to academic subjects.

EXPANDED CORE CURRICULUM

The American Printing House for the Blind, and most professionals in the field, firmly believe that visually impaired students need an expanded core curriculum that encompasses additional areas of learning. Experiences and concepts casually and incidentally learned by sighted students must be systematically and sequentially taught to students with a visual impairment.

Dr. Philip Hatlen (1934–2016) authored the introductory copy at the beginning of each of the Expanded Core Curriculum sections in this catalog. Dr. Hatlen's numerous accomplishments included the original development of the Expanded Core Curriculum. Dr. Hatlen had many connections at APH, including acting as Ex Officio Trustee and our Executive in Residence. Read more about the extraordinary Dr. Hatlen at the Hall of Fame website, www.aph.org/hall/inductees/hatlen/

INTRODUCTION

GENERAL INFORMATION

Service for 160 Years

Since 1858, APH has been creating unique products for people who are visually impaired, blind, and deafblind. APH products are designed for infants, preschoolers, students, and adults, both in education and in daily living.

Recommended Ages for Products

Recommended ages for products are expressed as functional age rather than chronological age.

Prices and Types of Funds Accepted

All items in this catalog can be purchased with regular funds (i.e. checks, credit cards, or purchase orders). Most items can also be purchased with Federal Quota funds through an Ex Officio Trustee. Refer to the inside back cover for an overview of Federal Quota. Prices in this catalog are effective as of **June 1, 2018**. *Prices are subject to change without notice.*

PARTS

Parts Available Icon

Products with available replacement parts are marked with this icon. Refer to the Replacement Parts Catalog in the back of this catalog for details.

UEB

UEB Icon

Products with this icon are transcribed in Unified English Braille (UEB).



Safety Warnings Icon

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

Downloadable Manuals

Most APH products have manuals available for immediate, free-of-charge download for printing or embossing as needed. Please visit our downloadable manuals page at: www.aph.org/manuals/

Ordering on the Web

shop.aph.org

You can browse and search for APH products, then order using Federal Quota funds, a purchase order, or a credit card.

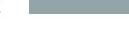
Questions?

APH provides a toll-free number for:

- Placing credit card orders
- Questions about existing orders or status of products under repair
- Questions about products and services
- Technical Support

Call Monday through Friday from 8:00 a.m. to 4:30 p.m. Eastern Time: 1-800-223-1839 (U.S. and Canada) or email info@aph.org

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PRICES EFFECTIVE AS OF JUNE 1, 2018

Note: The products offered by the American Printing House for the Blind are instructional/teaching materials and are intended to be used by trained professionals, parents, and other adults with students who are blind and visually impaired.

 **WARNING:** These materials are not intended as toys for use by children in unstructured play or in an unsupervised environment.

INTRODUCTION



APH Products for Persons with Multiple Disabilities, Including Deafblindness

Children and adults with multiple disabilities, including deafblindness, are diverse in their abilities, strengths, and interests. Some APH products have been developed for individuals with multiple disabilities in mind, and many others are also appropriate for use by this population.

Examples of APH products that you may wish to consider for children and adults who have multiple disabilities, including deafblindness are on the next page.

CATALOG PRODUCTION CREDITS

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INTRODUCTION

APH Intervention Continuum Three Sequential Kits

APH recommends that learners use the following three products sequentially:

Sensory Learning Kit (SLK) — pg. 31

This kit is an extensive set of sensory items and written materials that help the most significantly challenged learners increase their curiosity and develop specific skills.

SAM: Symbols and Meaning — pg. 88

A kit for learners with visual and multiple impairments & pre-school children with visual impairments who are just beginning to use symbols.

Tactile Connections: Symbols for Communication — pg. 87

Helps teachers create a tactile card system that is individualized for visually impaired and blind learners who have additional disabilities and/or lack a formal means of communication or literacy.

STACS: Standardized Tactile Augmentative Communication Symbols Kit — pg. 89

Tactile symbol systems are valuable tools that aid learners with conversations about people, places, events, and ideas. STACS helps teach a beginning standardized vocabulary.

Child-guided Strategies: The van Dijk Approach to Assessment — pg. 18

An easy-to-use guidebook with an accompanying DVD that follows the assessment of a baby, a young child, and a teenager.

CVI Complexity Sequences Kit — pg. 125

Includes cards designed to refine the ability to identify a target in the presence of increasing amounts of background information.

TADPOLE Kit — pg. 9

Tools and Activities for the Development of Visual Skills (TADPOLE) is an array of activities, materials, and tools for use with learners who are ages 0-2 years.

Spangle Tangle — pg. 37

Fun, twisty Spangle Tangle helps students learn motor, problem-solving, cognitive, self-care, social, and pre-braille skills.

ASSESSMENT



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PRODUCTS

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BOEHM-3 K-2

1-03883-00 BIG PICTURE KIT



NEW

Price: \$359

1-03884-00 TACTILE EDITION



NEW

Price: \$507

Boehm-3 K-2 measures 50 basic concepts relevant to school success. This test helps identify students who may not have had the learning experiences necessary to develop an understanding of key concepts. Developed for easy use with English- and Spanish-speaking students.

Recommended ages: grades K-2.

Visit www.aph.org/manuals/#alpha-b for a list of free .brf files.

Note: Boehm-3 Examiner's Manual is available through Pearson: <http://www.pearsonclinical.com/language/products/100000188/boehm-test-of-basic-concepts-third-edition-boehm-3.html>

Full reliability and validity data for children without visual impairment can be found in the Examiner's Manual (see link above), but does not apply to this adaptation. Everything needed to administer the test to children with visual impairment is included in these kits.

The Boehm-3 Kits can be used with students diagnosed with CVI by applying the same accommodations that they use in school. There is no background complexity, and the drawings have already been simplified for use with low vision students.

REPLACEMENT ITEMS

61-212-045 Parent Letter
(25-pk), English

Price: \$133.05

61-212-046 Parent Letter
(15-pk), Spanish

Price: \$89.55

Big Picture Kit:

7-03883-00 Manual, Large Print

Price: \$39

61-212-047 Record Form

Price: \$198.30

Tactile Edition Kit:

61-212-048 Record Form

Price: \$214.50

61-212-033 Manipulatives Pack

Price: \$5.25

BOEHM-3 PRESCHOOL

Boehm-3 Preschool measures 26 basic concepts relevant to the preschool/early childhood curriculum. This test helps identify children who lack understanding in basic rational concepts so you can provide intervention sooner, increasing their chance of success in school. Both kits assess each concept twice to determine the child's understanding across contexts. The Big Picture Kit manual and record forms are available in English and Spanish.

Recommended ages: Pre-K.

1-03880-00 BIG PICTURE KIT

Price: \$274

1-03882-00 TACTILE EDITION

Price: \$564

REPLACEMENT ITEMS

Big Picture Kit:

7-03880-00 Test Record

Price: \$219

7-03881-00 Manual,

Large Print

Price: \$46

Tactile Edition Kit:

7-03882-00 Test Record

Price: \$255

61-212-012 Test

Administrators Instructions

Price: \$6.65

61-212-013

Manipulatives Pack

Price: \$69.70

Note: Boehm-3 Preschool Examiner's Manual is available through Pearson: <http://www.pearsonclinical.com/psychology/products/100000161/boehm3-preschool.html>

Full reliability and validity data for children without visual impairment can be found in the Examiner's Manual (see link above), but does not apply to this adaptation. Everything needed to administer the test to children with visual impairment is included in these kits.

The Boehm-3 Preschool Kits can be used with students diagnosed with CVI by applying the same accommodations that they use in school. There is no background complexity, and the drawings have already been simplified for use with low vision students.

1-08149-00 NEWT KIT**Price:** \$959**REPLACEMENT ITEMS**

1-08149-01 Nigel Newt's Portfolios (set of 3)

Price: \$109

1-08149-02 Acuity Measuring Charts w/measuring cord

Price: \$279

New tools and activities for use with Functional Vision and Learning Media Assessment (NewT) has everything you need to complete the Observations, Functional Vision Assessment, and Learning Media Assessment sections of the FVLMA.

Nigel Newt's Portfolio's provide sample graphs, maps, dictionary entries, reading samples, diagrams, news clippings, and catalogue pages for grade levels K-12. All text is provided in accessible formats.

Recommended ages: pre-academic to academic, grades K-12.

1-08149-03 Cards with Color and B&W Photos

Price: \$79

7-08149-00 Guidebook Set (2 vol.), Large Print

Price: \$16

5-08149-00 Guidebook Set, Braille

Price: \$23**1-08155-00 TADPOLE KIT**

Tools and Activities for the Development of Visual Skills (TADPOLE) is a set of standardized tools that helps practitioners perform functional vision evaluations or visual skills development activities. Similar to APH's ToAD Kit, but geared toward younger learners. TADPOLE is a natural precursor to the ToAD Program.

Note: Practitioners should purchase the ToAD Kit prior to using the TADPOLE Kit, since items from ToAD are needed when a student's personal items are not available.

Price: \$321**OPTIONAL ITEMS**

1-08155-06 Soft Snap Puzzles

Price: \$59

5-08155-00 Practitioner's Guidebook, Braille/CD

Price: \$38

5-08155-01 Tasha Tadpole's Puzzle Book, Braille

Price: \$32

Soft Snap Puzzles are useful with both TADPOLE and ToAD activities. TADPOLE also functions as the Vision Modality section for APH's Sensory Learning Kit (SLK).

continued...

TADPOLE KIT REPLACEMENT ITEMS

7-08155-00 Practitioner's Guidebook, Large

Print/CD

Price: \$57

7-08155-01 Tasha Tadpole's Puzzle Book,
Large Print

Price: \$195

1-08155-02 Object Cards

Price: \$21

1-08155-04 Report of Visual Skills

Price: \$15

1-08155-05 Black & White Coloring Cards

Price: \$65

The *Practitioner's Guidebook* contains suggested activities, primarily for use with students who are very young (0-2 level), or who have communication and/or cognitive delays.



ADDITIONAL ITEM

TADPOLE INTERACTIVE IMAGES EBOOK

Specifically designed for tablets and replaces the TADPOLE Mini-Lite Box overlays. The iBook® and EPUB® versions will also work on a standard desktop computer.

Recommended ages: 2 years and up.

Price: FREE

<https://itunes.apple.com/us/book/tadpole/id1174450875?mt=11>

tech.aph.org/tadpole-pc.epub



PARTS 1-08152-00 TOAD KIT

Tools for Assessment and Development of Visual Skills (ToAD) is a set of standardized tools that aids in performing functional vision evaluations or visual skills development activities. ToAD does not provide a curriculum. The ToAD Kit provides tools, toys, and puzzles that assist the educator as he or she performs assessments or activities. Recommended ages: 2.5–5 years.

Price: \$832

In addition, ToAD serves as the Vision Modality for the Sensory Learning Kit (SLK).



WARNING: Choking Hazard—Small Parts. Not intended
for children ages 5 and under without supervision.

OPTIONAL ITEMS

5-08152-05 Squire ToAD's Puzzle Book,

Braille

Price: \$26

5-08155-00 Teacher's Guidebook, Braille

Price: \$38

continued...

TOAD KIT REPLACEMENT ITEMS

4-66001-01 APH Innovations Tote Bag	7-08155-00 Teacher's Guidebook, Large Print	1-08152-02 ToAD Light Source Items
Price: \$25	Price: \$36	Price: \$162
1-08152-05 Squire ToAD's Puzzle Book, Large Print	1-08152-01 ToAD Object Cards	
Price: \$55	Price: \$43	

**7-96151-00 *FUNCTIONAL VISION AND LEARNING MEDIA ASSESSMENT (FVLMA) Kit***

FVLMA is a user-friendly instrument that provides a framework for the systematic assessment of a student's visual functioning and needs for adapted educational media. Although not a standardized test, FVLMA has been peer-reviewed by experts in the field of blindness and field tested by teachers and students. Recommended ages: Students who are pre-academic in grades K-12.

Price: \$67

OPTIONAL ITEMS

5-96153-00 <i>Practitioner's Guidebook</i> , Braille/CD-ROM	7-96154-00 Protocols, Large Print
Price: \$98	Price: \$45

REPLACEMENT ITEMS

7-96152-00 <i>FVLMA Protocols</i> , Print	7-96153-00 <i>Practitioner's Guidebook</i> , Print/CD-ROM
Price: \$22	Price: \$45

**1-30009-DVD *FUNCTIONAL VISION: A BRIDGE TO LEARNING AND LIVING, FUNCTIONAL VISION ASSESSMENT VIDEO***

This video gives an overview of low vision and highlights the importance of assessing low vision and how such an assessment is accomplished. Video runs approximately 26 minutes.

Price: \$25

5-00000-00 *BRIGANCE DIAGNOSTIC COMPREHENSIVE INVENTORY OF BASIC SKILLS (GREEN), REVISED, 1999 (CIBS-R), STUDENT BRAILLE EDITION*

An adaptation of the print inventory, the student braille edition includes tactile representations of diagrams where appropriate. Recommended ages: Pre-K-9.

Price: \$371

OPTIONAL ITEM

1-03010-00 Large Print/Braille Toss-Away Ruler

Price: \$16



4-00000-00 *BRIGANCE DIAGNOSTIC COMPREHENSIVE INVENTORY OF BASIC SKILLS (GREEN), REVISED, 1999 (CIBS-R), STUDENT LARGE PRINT EDITION*

A criterion-referenced inventory that assesses, on an individual basis, a student's strengths or weaknesses in specific skill areas. The CIBS-R has been especially useful in support of Individual Educational Plan (IEP) development and program planning. Recommended ages: Pre-K-9.

Price: \$153

REPLACEMENT ITEMS

1-03010-00 Large Print/Braille
Toss-Away Ruler

1-03062-00 GlaReducers

Price: \$16

Price: \$11.50

Note: Administration and scoring of this large print edition should be carried out by trained para-professionals precisely in accordance with instructions found in the regular print edition.



5-17681-00 *BRIGANCE DIAGNOSTIC COMPREHENSIVE INVENTORY OF EARLY DEVELOPMENT (YELLOW), APH TACTILE SUPPLEMENT, REVISED, 1991*

A criterion-referenced assessment designed to identify the level of mastery that a young child has achieved on selected skills. This information is important for planning a child's Individualized Family Service Plan (IFSP) or Individualized Educational Program (IEP).

Recommended ages: Birth-K.

Price: \$149

Note: The Brigance student large print and braille editions, as well as the *APH Tactile Supplement*, were designed to be used only in conjunction with the print inventory. To order the print test, student record books, and other regular print materials, contact: Curriculum Associates, Inc. North Billerica, MA 800-223-0248, Fax: 800-366-1158, www.curriculumassociates.com

4-66003-00 **WOODCOCK-JOHNSON IV, LARGE PRINT KIT**

Helps identify learning problems and improve instructional outcomes. The assessment is comprised of three batteries: Test of Achievement (Standard and Extended), Tests of Cognitive Abilities (Standard and Extended), and Oral Language. Recommended ages: 2 years and up.

Price: \$437

REPLACEMENT ITEMS

4-66001-01 APH Innovations Tote Bag

Price: \$25

1-03062-00 GlaReducers (4-pk)

Price: \$14.80

23-201-031 Response Books

Price: \$319.30

WOODCOCK-JOHNSON IV BRAILLE KIT COMING SOON!

Notes: It is strongly suggested that the administrator have approved professional development training in administering the original print Woodcock-Johnson IV.

Examiners must meet the qualifications for administering this assessment and have purchased the publisher materials. Examiners must have access to publisher materials, including: the test easels, WJ IV Manuals, Individual Test Records, the Woodcock-Johnson Online Scoring and Reporting Program, and the Audio CD containing tests which are administered orally.

These materials must be ordered directly from the test publisher:

Customer Experience Support – Assessments, Houghton Mifflin Harcourt, 255 38th Ave., Ste. L, St. Charles, IL 60174, 800-323-9540, Fax: 630-467-7192, AssessmentsOrders@hmhco.com



TEACHER'S PET SOFTWARE

Teacher's Pet can be used by either teachers or parents to create accessible drills, practice exercises, or tests for students who are blind and visually impaired. This program allows the creation of both audio and large print tests. It can also record test sessions to track student progress. Recommended ages: all (dictated by tests created).

Note: Find detailed software purchasing instructions in the "How to Order" section in the back.

D-03460-00 CD-ROM

Price: \$89

D-03460-ED Digital Download

Price: \$79

ACCESSIBLE MULTIPLE CHOICE ANSWER SHEETS: BRAILLE, LARGE PRINT, POP-A-DOT

Accessible Multiple Choice Answer Sheets have high-contrast layouts with print and tactile elements that engage students so that test-taking can be fun! Sighted peers will also love these. Recommended ages: 8 years and up.

5-17003-00 BRAILLE ANSWER SHEETS

Fifty generic sheets with question numbers 1-40 in large print and braille in two columns, with multiple choice braille answers a-e.

Price: \$11

7-17003-00 LARGE PRINT ANSWER SHEETS

Formatted in two columns, with bold lines and 18 point font, these two-sided generic answer sheets have question numbers 1-40 with every other line highlighted in a contrasting color.

Price: \$16

1-17003-00 POP-A-DOT®

These sheets make testing more fun with “memory plastic” dots that are pushed down to select an answer, but can be popped back up easily, allowing students to change their answers independently. Beginning level student sheets have one column with 10 question numbers. Advanced level student sheets have two columns with 20 question numbers.

Price: \$67

TEST READY®: PLUS MATHEMATICS

This test prep series offers practice for today's standards-based assessments for grades 3-12. Test Ready: Plus Mathematics provides preparation and review, in as little as two weeks before testing day. It also provides a program of instruction and remediation.

Students practice problem solving skills for: data preparation, geometry, numeration, number theory, measurement, and pre-algebra/algebra.

Book 3, Teacher Guide

7-00505-00 Large Print

Price: \$18

5-00505-00 Braille

Price: \$39

Book 3, Student Book

7-00506-00 Large Print

Price: \$36

5-00506-00 Braille (2 vol.)

Price: \$108

Book 4, Teacher Guide

7-00507-00 Large Print

Price: \$18

5-00507-00 Braille

Price: \$36

Book 4, Student Book

7-00508-00 Large Print

Price: \$34

5-00508-00 Braille

Price: \$82

Book 5, Teacher Guide

7-00509-00 Large Print

Price: \$18

5-00509-00 Braille

Price: \$35

Book 5, Student Book

7-00510-00 Large Print

Price: \$34

5-00510-00 Braille

Price: \$79

Book 6, Teacher Guide

7-00511-00 Large Print

Price: \$18

5-00511-00 Braille

Price: \$40

Book 6, Student Book

7-00512-00 Large Print

Price: \$33

5-00512-00 Braille

Price: \$80

Book 7, Teacher Guide

7-00513-00 Large Print

Price: \$18

5-00513-00 Braille

Price: \$31

Book 7, Student Book

7-00514-00 Large Print

Price: \$35

5-00514-00 Braille

Price: \$73

Book 8, Teacher Guide

7-00515-00 Large Print

Price: \$18

5-00515-00 Braille

Price: \$43

Book 8, Student Book

7-00516-00 Large Print

Price: \$35

5-00516-00 Braille

Price: \$111

Advanced, Teacher Guide

7-00517-00 Large Print

Price: \$17

5-00517-00 Braille

Price: \$40

Advanced, Student Book

7-00518-00 Large Print

Price: \$33

5-00518-00 Braille

Price: \$85

Note: Advanced is recommended for grades 9-12.

TEST READY®: PLUS READING

This test prep series offers practice for today's standards-based assessments for grades 3-12. Test Ready: Plus Reading also provides preparation and review.

Students practice problem solving skills for: recalling information, constructing meaning, evaluating literary forms, interpreting fact & opinion, and evaluating & extending meaning.

Book 3, Teacher Guide
7-00521-00 Large Print
Price: \$18
5-00521-00 Braille
Price: \$26

Book 3, Student Book
7-00522-00 Large Print
Price: \$35
5-00522-00 Braille
Price: \$55

Book 4, Teacher Guide
7-00523-00 Large Print
Price: \$18
5-00523-00 Braille
Price: \$25

Book 4, Student Book
7-00524-00 Large Print
Price: \$35
5-00524-00 Braille
Price: \$57

Book 5, Teacher Guide
7-00525-00 Large Print
Price: \$16
5-00525-00 Braille
Price: \$28

Book 5, Student Book
7-00526-00 Large Print
Price: \$30
5-00526-00 Braille
Price: \$52

Book 6, Teacher Guide
7-00527-00 Large Print
Price: \$16
5-00527-00 Braille
Price: \$25

Book 6, Student Book
7-00528-00 Large Print
Price: \$30
5-00528-00 Braille
Price: \$61

Book 7, Teacher Guide
7-00529-00 Large Print
Price: \$18
5-00529-00 Braille
Price: \$26

Book 7, Student Book
7-00530-00 Large Print
Price: \$35
5-00530-00 Braille
Price: \$58

Book 8, Teacher Guide
7-00531-00 Large Print
Price: \$18
5-00531-00 Braille
Price: \$23

Book 8, Student Book
7-00532-00 Large Print
Price: \$46
5-00532-00 Braille
Price: \$60

Advanced, Teacher Guide
7-00533-00 Large Print
Price: \$18
5-00533-00 Braille
Price: \$26

Advanced, Student Book
7-00534-00 Large Print
Price: \$35
5-00534-00 Braille
Price: \$58

Note: Advanced is recommended for grades 9-12.

TEST READY®: PLUS LANGUAGE ARTS

This test prep series offers practice for today's standards-based assessments for grades 3-12. Test Ready: Plus Language Arts also provides preparation and review.

Students practice problem solving skills for: spelling (cloze items and spotting misspelled words), language (mechanics, expression, and use of resources), and rebric-scored writing (narrative, expository, or descriptive passages).

Book 3, Teacher Guide
7-00535-00 Large Print

Price: \$14
5-00535-00 Braille
Price: \$27

Book 3, Student Book
7-00536-00 Large Print

Price: \$33
5-00536-00 Braille (2 vol.)
Price: \$57

Book 4, Teacher Guide
7-00537-00 Large Print

Price: \$15
5-00537-00 Braille
Price: \$27

Book 4, Student Book
7-00538-00 Large Print

Price: \$33
5-00538-00 Braille
Price: \$58

Book 5, Teacher Guide
7-00539-00 Large Print

Price: \$20
5-00539-00 Braille
Price: \$25

Book 5, Student Book
7-00540-00 Large Print

Price: \$35
5-00540-00 Braille
Price: \$59

Book 6, Teacher Guide
7-00541-00 Large Print

Price: \$20
5-00541-00 Braille
Price: \$26

Book 6, Student Book
7-00542-00 Large Print

Price: \$35
5-00542-00 Braille
Price: \$60

Book 7, Teacher Guide
7-00543-00 Large Print

Price: \$20
5-00543-00 Braille
Price: \$24

Book 7, Student Book
7-00544-00 Large Print

Price: \$35
5-00544-00 Braille
Price: \$57

Book 8, Teacher Guide
7-00545-00 Large Print

Price: \$20
5-00545-00 Braille
Price: \$25

Book 8, Student Book
7-00546-00 Large Print

Price: \$35
5-00546-00 Braille
Price: \$54

ASSESSMENT VIDEOS BY DR. JAN VAN DIJK, EMERITUS PROFESSOR, THE NETHERLANDS

The van Dijk Approach to assessing children or adults with multiple disabilities is unique, but can be successfully implemented with training. Dr. Jan van Dijk and his team of experts have put together the following videos to help. For use on a Windows® PC.

CHILD-GUIDED STRATEGIES FOR ASSESSING CHILDREN WHO ARE DEAFBLIND OR HAVE MULTIPLE DISABILITIES

This user-friendly and highly interactive CD-ROM demonstrates Dr. van Dijk's strategies and techniques for assessing and teaching children with multiple disabilities.

1-31001-00 English

1-31001-SP Spanish

Price: \$60

Price: \$60

7-31001-00 CHILD-GUIDED STRATEGIES: THE VAN DIJK APPROACH TO ASSESSMENT

An easy-to-use guidebook with an accompanying DVD follows the assessment of a baby, a young child, and a teenager.

Price: \$45

1-31002-00 FROM RUSSIA WITH LOVE AND CARE FOR CHILDREN WITH SENSORY IMPAIRMENT AND CHALLENGING BEHAVIORS

This interactive CD-ROM includes an introductory course in Positive Behavioral Support, which outlines the basic principles involved in assessing challenging behaviors of children with multiple disabilities.

Price: \$42

1-31003-01 CHARGE SYNDROME REVISITED (2007)

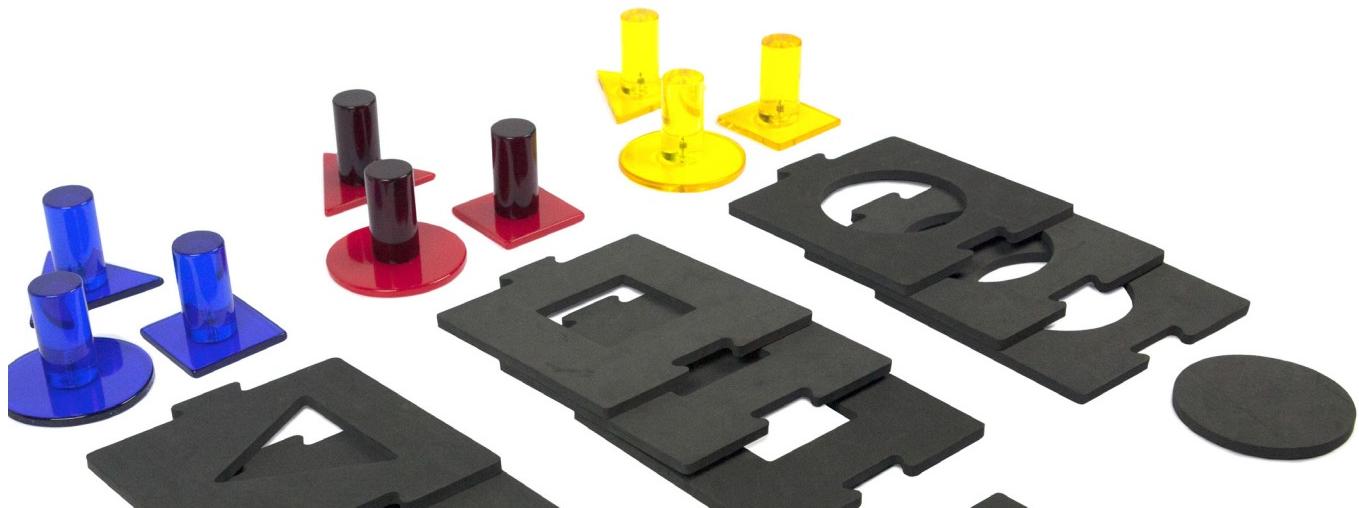
Children with CHARGE Syndrome often have a multitude of physical, sensory, endocrinological, and developmental problems. This CD-ROM presents a five year follow-up of six children with CHARGE Syndrome.

Price: \$40

1-31004-00 LET'S TALK LIMBIC: THE ROLE OF THE EMOTIONAL BRAIN IN THE WELL BEING OF PERSONS WITH MULTIPLE SENSORY IMPAIRMENT

This DVD-ROM focuses on a major part of the human emotional brain, the “Limbic System.” Video clips show how sensory deprivation effects a person’s emotional well being and can influence attachment, anxiety, and stress. For use on a Windows® PC.

Price: \$15



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PRODUCTS

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1-03722-00 BRIGHT SHAPES KNOB PUZZLES KIT



Price: \$169

Based on the shapes used in APH's Light Box Levels I-III Kits. Bright Shapes Knob Puzzles have knobs to help with grasping, to help with an array of skills. Targeted skills include hand-eye coordination, relational concepts such as in/out, directionality, shape and color recognition, comparison, and patterning. While this is a terrific puzzle on its own, it is designed to be easily viewed on the APH Light Box. Educators, therapists, and parents will discover endless learning opportunities. Recommended ages: 2 years and up.

1-08816-00 REACH & MATCH



NEW

Price: \$900

*Reach & Match IS available
with Quota funds.*

LEARNING KIT AND INCLUSIVE LEARNING PROGRAM

An innovative system for students with sensory impairment and other special needs to learn and engage with their peers. Includes four large puzzle piece mats, each a different color. One side of each mat has a texture with a tactile pattern that matches corresponding tiles. The other side has the same texture but with a recessed white path. Along the path are cut-out shapes that correspond to the same tiles. The tiles are stored in a round pillow with a zipper closure that is placed in the middle. Recommended ages: 3 years and up.



6-77956-00 A TOUCH



NEW

Price: \$145



WARNING: Choking Hazard—Small Parts. Not intended
for children ages 5 and under without supervision.

This colorful, texture-rich book is perfect for reading aloud with a young child. The sturdy pages are small and easy to turn, and the text is extremely brief. Heart-shaped, textured pieces can be manipulated and used to stroke the child's hands and face. At the end of the book the heart takes wing and lifts from the page. Recommended ages: 3 years and up.

EARLY CHILDHOOD

6-77954-00 **SIX LITTLE DOTS**



Price: \$139

UEB
AUS



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

10 of 10

6-77955-00 BEAR HUNT



Price: \$229

UEB



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

Invites children on a multisensory expedition toward a bear's cave. As the reader journeys across the page, sliding a small token along a path, fingers encounter tactile and audible features, such as waving grass, a silken stream, a squishy marsh, trunks of trees, and slippery "snow." Feeling inside the cave reveals a furry face with big eyes, a soft nose—and sharp teeth! Children are sure to identify this quickly. Recommended ages: 3 years and up.

6-77910-00 **HOLY MOLY**



NEW

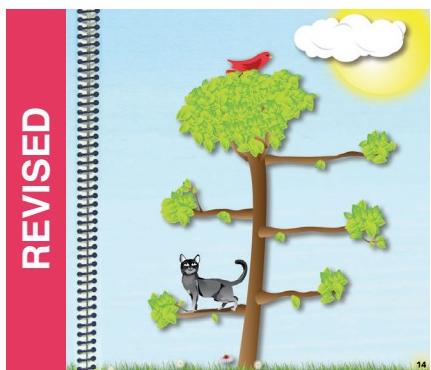
Price: \$47



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



5-12301-01 ***THE BEST FOR A NEST***



REVISED

Price: \$109



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



REACH FOR THE STARS, PLANNING FOR THE FUTURE

A first-of-its-kind guidebook about transitioning young children into preschool or kindergarten settings. Reach for the Stars creates inclusive, customized educational plans for young students.

7-08412-00 **LARGE PRINT**

Price: \$20

5-08412-00 BRAILLE

Price: \$31

EARLY CHILDHOOD

1-08121-00 **EVERYDAY ACTIVITIES CALENDAR**

This idea-filled calendar suggests a fun preschool activity for each day of the year. Activities are drawn from everyday occurrences and make use of easily accessible, low cost materials. This large print/braille calendar does not track any specific year, but can be used year after year. Recommended ages: 3 years and up.

Price: \$136



8-50701-00 **DEVELOPMENTAL GUIDELINES FOR INFANTS WITH VISUAL IMPAIRMENTS**

This guidebook is geared toward early intervention. It contains a wealth of information based on recent research and empirically-based observations about the development of infants with visual impairments. Professionals and caregivers will learn the sequence in which many skills develop.

Note: Developmental Guidelines was designed mainly for professionals who serve infants with visual impairments.

Price: \$95

REPLACEMENT ITEM

8-50701-01 Summary Consumables

Price: \$14



PATTER: PRESCHOOL ATTAINMENT THROUGH TYPICAL EVERYDAY ROUTINES

This curriculum and assessment tool is designed to facilitate skill development by children who are visually impaired in the areas that preschoolers are expected to master through involvement in typical household routines. Appropriate for use with children with additional impairments. Recommended ages: Pre-K.

8-76001-00 Large Print

Price: \$89

6-76001-00 Braille

Price: \$79

**7-96149-00 *PARENTS AND THEIR INFANTS WITH VISUAL IMPAIRMENTS (PAIVI),
2ND EDITION***

This set of materials is designed to help parents and teachers of infants who are visually impaired become involved as primary members of the intervention team.

Price: \$51

REPLACEMENT ITEM

7-96148-00 Learning Together and Getting Ready for Preschool,
regular print parent booklets and CD-ROM only

Price: \$23



PARENTING WITH A VISUAL IMPAIRMENT: ADVICE FOR RAISING BABIES AND YOUNG CHILDREN

Advice from parents who completed an extensive written questionnaire and a 90-minute phone interview about how they accomplished parenting tasks using non-visual techniques. Each comes with audio CDs. Recommended ages: Middle School and up.

8-00100-00 Large Print

Price: \$79

6-00100-00 Braille

Price: \$105



EXPERIENTIAL LEARNING: ACTIVITIES FOR CONCEPT DEVELOPMENT

Each section in this guidebook contains a brief overview of the skill or concept being addressed. The overview is followed by three suggested activities: a beginning, intermediate, and more advanced activity for each area. The service provider or parent must provide the toys and other materials to be used for each activity. Recommended ages: Birth to 3 years, also has activities appropriate for older children working on the six developmental areas.

Large Print/CD-ROM

Price: \$14



1-03535-00 WHAT IS IT? KIT

With an active introduction to details contributing to the whole, the child will gain the foundation for comparative thinking, leading to the ability to generalize and communicate independently. Recommended ages: Pre-K and up.

Price: \$61

EARLY CHILDHOOD

ON THE WAY TO LITERACY: EARLY EXPERIENCES FOR CHILDREN WHO ARE VISUALLY IMPAIRED

This handbook and series of 18 storybooks contain vital information and activities to enhance the development of literacy in young children who are blind and visually impaired. Recommended ages for storybooks: 2 1/2 to 5 years, *except Gumdrop Tree*.

ON THE WAY TO LITERACY HANDBOOK, 2ND EDITION

This handbook guides teachers and parents in supporting a young child's first steps towards literacy.

8-77520-00 Print

Price: \$60

6-77520-00 Braille

Price: \$199



STORYBOOKS WITH REAL OBJECTS AND TEXTURES

6-77502-05 GIGGLY-WIGGLY, SNICKETY-SNICK (SET III)

Words capture a range of tactile experiences. Real objects (not included) can be added to envelopes on the pages.

Price: \$74

6-77500-05 SOMETHING SPECIAL (SET I)

A young child searches for a lost possession; features objects fixed to the book pages.

Price: \$80

6-77501-01 THAT'S NOT MY BEAR (SET II)

A well-loved teddy bear is lost and cannot be replaced. The special bear and others offered by the family are represented by various furry shapes.

Price: \$56

6-77501-02 GERALDINE'S BLANKET (SET II)

A girl's treasured blanket becomes worn and patched over time, but is never outgrown. Squares of fabric illustrate the fate of the blanket.

Price: \$90



SPECIAL STORYBOOK LETS CHILDREN CREATE A STORY ABOUT THEMSELVES

6-77500-10 BOOK ABOUT ME (SET I)

A "Me Book" for children to create. Comes with fill-in-the-blank sentences in braille and print, and space to add illustrations and text.

Price: \$30

STORYBOOKS ILLUSTRATED WITH THERMOFORMS (MOLDED PLASTIC SHAPES)

6-77500-06 *JENNIFER'S MESSES (SET I)*

Familiar objects such as cereal, pretzels, and crayons illustrate the messes made by Jennifer.

Price: \$80

6-77502-01 *JELLYBEAN JUNGLE (SET III)* – Scented stickers included.

A counting rhyme about a magical jungle filled with jellybeans.

Price: \$92

6-77500-08 *GOBS OF GUM (SET I)* – Scented stickers included.

A rhyming story about “big blobs, small gobs, and sticky icky strings of bubble gum.”

Price: \$59

6-77500-07 *ROLY-POLY MAN (SET I)*

A story about a young child who creates a “roly-poly” figure from pieces of clay.

Price: \$72

6-77502-04 *THINGAMAJIG (SET III)*

Jamie is a collector of “thingamajigs” – coins, marbles, buttons, and other common objects. His treasures introduce the concept of grouping items and identifying missing items.

Price: \$65



STORYBOOKS WITH RAISED-LINE DRAWINGS

6-77500-01 *THE LONGEST NOODLE (SET I)*

A child finds the world's longest noodle. Raised lines illustrate a shoelace, a jump rope, etc.

Price: \$37

6-77501-03 *THE BLUE BALLOON (SET II)*

A special balloon takes on extraordinary shapes and performs amazing feats. Illustrated with brightly colored, raised balloon shapes.

Price: \$51

6-77504-00 *THE LITTLEST PUMPKIN* (see related puzzles page 28)

When the littlest pumpkin in the patch isn't chosen to become a jack-o'-lantern, things seem very bleak – until a child discovers his hiding place!

Price: \$64

EARLY CHILDHOOD

6-77500-04 ***THAT TERRIBLE, AWFUL DAY (SET I)***

A young child's popsicle gets smaller as everyone shares a taste.

Price: \$28

6-77500-02 ***THE CATERPILLAR (SET I)***

A visually impaired child makes an exciting discovery in her backyard. Has raised line drawings of a hand, foot, steps, and a fuzzy fabric caterpillar.

Price: \$37

6-77500-09 ***SILLY SQUIGGLES (SET I)***

A wormlike creature stretches, squeezes, and squirms into various shapes in this rhyming story.

Price: \$32

6-77500-03 ***BUMPY ROLLS AWAY (SET I)***

Bumpy the Ball rolls down a hill, down steps, onto a sidewalk, along an alley, and into a box.

Price: \$37

6-77502-03 ***THE GUMDROP TREE (SET III)*** – Scented stickers included.

Tells the story of a tree that grows from a gumdrop! The raised-line drawings depict the growth of the tree.

Price: \$131



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



ON THE WAY TO LITERACY BOOK SETS

6-77500-00 **BOOK SET I**

Includes one print handbook and these ten storybooks: *Something Special; Jennifer's Messes; Gobs of Gum; Roly-Poly Man; The Longest Noodle; That Terrible, Awful Day; The Caterpillar; Bumpy Rolls Away; Silly Squiggles; and Book About Me.*

Price: \$552

6-77501-00 **BOOK SET II**

Includes these three storybooks: *That's Not My Bear, Geraldine's Blanket, and The Blue Balloon.*

Price: \$197

6-77502-00 **BOOK SET III**

Includes these four storybooks: *Giggly-Wiggly, Snickety-Snick; Jellybean Jungle; Thingamajig; and The Gumdrop Tree.*

Price: \$362

RELATED ON THE WAY TO LITERACY PRODUCTS

1-08835-01 PUMPKIN PUZZLES

APH offers two pumpkin puzzles related to The Littlest Pumpkin storybook. These puzzles, sold as a set, depict the Littlest Pumpkin and another jack-o'-lantern face. Orange and black foam puzzle pieces are reversible.

Price: \$29

6-77505-00 APH SOUNDPAGE

The APH SoundPage allows readers to create their own sound effects and recordings. Holds up to three 8 second digital recording/playback devices (two included in basic set), the page can be clipped into the 3-ring binder of any OTWL storybook.

Price: \$54

REPLACEMENT ITEM

6-77505-01 Additional Recording Device

Price: \$10



5-01199-00 ALPHABET SCRAMBLE STORYBOOK

A read-aloud storybook promoting emergent and early literacy skills. The rhyming story tells of a “family” of alphabet letters as each sets out to explore the page. As each letter takes a turn crossing the page—shown as a line of repeating letters—the child has the motivation to track along the line of braille, gaining tactile braille reading skills.

Price: \$62

OPTIONAL ITEM

5-011988-00 *Alphabet Scramble*, Notes to Reader, Braille

Price: \$13

EARLY CHILDHOOD

MOVING AHEAD SERIES

A follow-up to APH's *On the Way to Literacy Series*, *Moving Ahead* storybooks introduce symbolic representation, more complex illustrations, and an increased emphasis on text. Each storybook includes a Large Print Reader's Guide (*braille edition available as a free download*) that contains general information, tips on using the storybook, and additional resources. Also included are braille words on customer-applied labels, allowing the reader to choose contracted or uncontracted braille.

6-77903-00 **GOING ON A BEAR HUNT**

A tactile line guides on a bear hunt. Recommended ages: Pre-K to 3rd grade.

Price: \$73

6-77902-00 **SPLISH THE FISH**

Tactually search for Splish and help him find his way back to his friends. Recommended ages: Pre-K to Kindergarten.

Price: \$79

6-77900-00 **THE BOY AND THE WOLF**

Tactually search the page for characters, count and compare like and different pairs of sheep, and notice differing orientations and other features. Recommended ages: Pre-K to 2nd grade.

Price: \$83

6-77901-00 **TURTLE AND RABBIT**

Tactually follow the progress of the race between the tortoise and the hare.
Recommended ages: Pre-K to 2nd grade.

Price: \$82



VIPS@HOME: PARENT EMPOWERMENT PROGRAM

This three-module program developed from a partnership between APH and Visually Impaired Preschool Services (VIPS) offers courses for parents that can be studied at home. VIPS@Home: Parent Empowerment Program makes it possible to get information to families at their convenience. These materials offer opportunities for connecting with professionals and other parents for support. Recommended ages: Birth to 5 years.

Each course includes a Large Print Course Book and CD-ROM with accessible files including a .brf in Unified English Braille (UEB) and a presentation tool.

VIPS@Home IS available with Quota funds.



continued...

8-00076-00 *EMERGENT LITERACY*

Story time comes to life! Program teaches parents how to become comfortable and vibrant storytellers.

Price: \$19

8-00075-00 *POWER AT YOUR FINGERTIPS*

Provides a concise and family-friendly introduction to braille. Parents can begin to experience the joy of learning braille without the frustration of enormous textbooks. Parents will learn how to bring braille literacy into their everyday routines and discover numerous resources for child-ready braille materials.

Price: \$19

8-00078-00 *SPECIAL EDUCATION: YOUR JOURNEY TO A SUCCESSFUL IEP*

Helps demystify conferences and paperwork, and puts parents at ease during the school years ahead.

Price: \$19



PARTS 1-08611-00 *SENSORY LEARNING KIT (SLK)*

This kit contains an extensive set of sensory items and written materials that help learners increase their curiosity and develop specific skills. Tools in this kit may be used to help create daily schedules, lesson plans, and alternative assessments for play or functional routines.

Price: \$463



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT ITEMS

7-08611-00 Guidebook/Routines Book, Print

Price: \$85

1-08612-00 Power Select

Price: \$140

1-08613-00 Scallop Switch

Price: \$32

1-08614-00 Adaptable Tactile Switch

Price: \$27

1-08615-00 Adaptable Stick Switch

Price: \$35

1-08616-00 Vibrating Pad with Adapter

Price: \$66

45-085-033 Adapter 6v 200MA AC-DC

Price: \$17.10

EARLY CHILDHOOD

1-08617-00 SELECT SWITCH

Designed for use in educational and daily living applications, Select Switch is useful for individuals with severe motor disabilities and cognitive impairments. Various function control features enable individuals to communicate and control battery operated appliances, toys, and devices. *Requires 4 AAA batteries.*

Price: \$125



1-07089-00 THE JOY PLAYER

This easy-to-load, switch-activated music player allows individuals who are developing fine motor skills, have limited mobility, or cognitive disability in addition to a visual impairment to access music and audio books. Designed to use with the personal music player routine in APH's SLK. Recommended ages: 3 years and up.

Price: \$349 + shipping

REPLACEMENT ITEMS

1-07092-00 AC Adapter 12v DC 1Amp Output

Price: \$25

1-02612-00 USB Extension Cable, 3 ft.

Price: \$5

61-141-225 Cap and Ring Set

Price: \$15.90

61-141-226 Hook/Loop Strap

Price: \$15



PARTS 1-08420-00 FINE MOTOR DEVELOPMENT MATERIALS: TWIST, TURN, AND LEARN

Helps young children with visual and multiple disabilities develop and enhance fine motor skills. This kit assists in developing grasping, pincer grasp, wrist rotation, palmar grasp, and more. Primarily for professionals. Recommended ages: Birth to 36 months.

Price: \$608

REPLACEMENT ITEM

7-40400-00 Teacher's Guidebook only

Price: \$24



7-35500-00 EFFECTIVE USE OF OBJECTS: A PROCESS CENTERED INTERVENTION

Helps learners with multiple disabilities develop task-oriented behavior that is self-regulating. Focuses on the kinds of problem-solving skills that encourage the functional use of objects. For parents and professionals. Recommended ages: 2 to 7 years.

Price: \$81

PARTS 1-03260-00 **HANDS ON: FUNCTIONAL ACTIVITIES FOR VISUALLY IMPAIRED PRESCHOOLERS**

Helps children develop skills such as concentration, hand and visual coordination, ability to complete a cycle of activity, and socialization skills. Also helps develop a sense of order and a positive self-image. For parents and professionals. Recommended ages: 3 to 6 years..

Price: \$280

REPLACEMENT ITEM

7-52210-00 HANDS ON Guidebook only

Price: \$59



1-08842-01 TACTILE TREASURES: MATH AND LANGUAGE CONCEPTS FOR YOUNG CHILDREN WITH VISUAL IMPAIRMENTS

An informal assessment and teaching tool for use with children to develop an early understanding of basic concepts and vocabulary. By pairing tactile graphics of thermoformed real objects with included descriptive scripts/stories, over 90 concepts can be introduced and reinforced.

Note: large print guidebook (with CD-ROM) included, braille guidebook available separately. Recommended ages: 3 years and up.

Price: \$506

OPTIONAL ITEM

61-151-313 Teacher's Guidebook,
Braille

Price: \$41.50

REPLACEMENT ITEM

61-151-312 Teacher's Guidebook,
Large Print

Price: \$21.85



PARTS 1-03780-00 **GIANT TEXTURED BEADS**

Introduces a variety of concepts, including shape, color, and texture. Also assists in the development of muscular and eye-hand coordination. Shapes have three textures. Bead stringer included. Recommended ages: 3 to 6 years.

Price: \$71



WARNING: Strangulation Hazard—Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.

REPLACEMENT ITEM

1-03790-00 Bead Stringer

Price: \$4.25

EARLY CHILDHOOD

PARTS 1-03778-00 GIANT TEXTURED BEADS WITH PATTERN MATCHING CARDS

This kit is designed with preschool through early elementary students in mind. Pattern Matching Cards reinforce the tactile continuum from real objects (most basic level) to raised-line graphics (most advanced level), students in higher grades will be challenged by the increasing difficulty posed by the “Platform” and “3-D View” matching cards. Guidebook is available as a free download: www.aph.org/manuals/#alpha-g

Price: \$182



WARNING: Strangulation Hazard—Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.

REPLACEMENT ITEMS

1-03780-00 Giant Textured Beads

Price: \$71

1-03779-00 Pattern Matching Cards

Price: \$55

1-03790-00 Bead Stringer

Price: \$4.25



VIPS VIDEO LIBRARY

This video library from Visually Impaired Preschool Services (VIPS) is a series of essential videos for parents and caregivers of young children who are visually impaired and blind. This library offers practical and proven techniques that foster their development.

1-30024-DVD **SEEING THINGS IN A NEW WAY**

Price: \$53

1-30025-DVD **LEARNING ABOUT THE WORLD**

Price: \$57

1-30026-DVD **BECOMING A “CAN-DO” KID**

Price: \$57

1-30027-DVD **MAKING FRIENDS**

Price: \$57

1-30028-DVD **GOING PLACES**

Price: \$57

1-30029-DVD **THROUGH THEIR EYES**

Price: \$53

1-30030-DVD **MOVING THROUGH THE WORLD**

Price: \$57

1-30031-DVD **HANDS ON EXPERIENCE**

Price: \$57

1-30032-DVD **SUCCESSFULLY ADAPTING THE**

PRESCHOOL ENVIRONMENT

Price: \$57

1-30033-DVD **POWER AT YOUR FINGERTIPS**

Price: \$85

1-30034-DVD **FULL OF HOPE**

Price: \$64

1-30035-DVD **GROWING MY WAY – PART 1: (3-18 MONTHS) 3-VIDEO SERIES**

Price: \$160

1-30036-DVD **GROWING MY WAY – PART 2: (24-36 MONTHS) 3-VIDEO SERIES**

Price: \$171

1-08930-00 TEXTURED PEGS

Helps develop fine motor skills, manual dexterity, and grasp/release skills, reinforcing concepts of direction and position. Recommended ages: 1 to 6 years.

Price: \$45



1-08950-00 TEXTURED MATCHING BLOCKS

Encourages recognition of textures, identification by name, and tactual matching, while reinforcing directional and positional concepts. Recommended ages: 3 to 6 years.

Price: \$72



PARTS 1-03721-00 PUZZLE FORM BOARD KIT

Supplementary aid for teaching basic concepts, such as shape, texture, color, size, and matching. Recommended ages: 3 years and up.

Price: \$130



PARTS 1-03420-00 PEG KIT

Helps children develop skills in manipulation; number and language concepts; and color, size, and tactual discrimination. Recommended ages: 3 to 8 years.

Price: \$56



1-08710-00 SOUND MATCHING BOARD I

Develops fine motor skills and auditory matching and discrimination, with the capability of introducing sequential order. Recommended ages: 3 years and up.

Price: \$80



1-08720-00 SOUND MATCHING BOARD II

Helps develop concepts of a series, directions, positions, matching, and discrimination. Eight shakers with four different sounds. Recommended ages: 3 years and up.

Price: \$59

EARLY CHILDHOOD

1-03670-00 SENSORY CYLINDER SET

Develops skills in manipulation; number and language concepts; and tactful, color, and weight discrimination. Recommended ages: 3 years and up.

Price: \$87



1-08590-00 SMALL, MEDIUM, AND LARGE CIRCLES, SET I

Introduces the concept of fine size discrimination. Frame contains three recessed nests for holding six foam circles of various sizes. Recommended ages: 1 to 3 years.

Price: \$21



1-08600-00 SMALL, MEDIUM, AND LARGE CIRCLES, SET II

Facilitates perception of three dimensions, while strengthening manipulative, matching, and discrimination skills. Base has three pegs for sorting circles. As circle diameter increases, thickness decreases. Recommended ages: 3 to 6 years.

Price: \$58



1-03710-01 SHAPE BOARD

Proportional shapes contrast brightly against the yellow pegboard and aid in understanding up, down, right, and left. Consists of 25 geometric figures and a board with three columns of five pegs. Recommended ages: 4 years and up.

Price: \$96



1-08750-00 TANGLE TOY AND TANGLE BOOK KIT

With its infinite knot shapes and variety of colors and textures, the Tangle Toy® can be used to encourage a child to explore, move, and play. *Tangle Book* activities and games help sighted and visually impaired peers refine motor skills, color discrimination, and tactile discrimination.

Price: \$63



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

OPTIONAL ITEM

5-08750-00 Guidebook, Braille

Price: \$29

REPLACEMENT ITEM

7-08750-00 Guidebook, Large Print

Price: \$16

1-08755-00 SPANGLE TANGLE: PLAY AND EXPLORE

Provides opportunities for learners to improve visual and tactile attention, communication, and creativity. Through specially designed activities, the learner develops motor, problem-solving, cognitive, self-care, social, and pre-braille skills.

Recommended ages: 5 years and up.

Price: \$131



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT ITEM

7-08755-00 Spangle Tangle Guidebook,

Large Print

Price: \$20



1-08111-00 SOUND ADAPTED TANGLE BALL KIT

This ball is great for educational play and doubles as a teething toy. Develops hand-eye coordination, sound localization skills, fine motor skills, and interaction with others. Made of safe, soft plastic material.

Note: Interior ball can be removed if desired. Some assembly required.

Recommended ages: 6 months and up, with adult supervision.

Price: \$44



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT ITEM

61-145-086 Sound Adapted Table

Tennis Balls (3-pk)

Price: \$27.55



1-03764-00 JUMBO WORK/PLAY TRAY

The Jumbo Work/Play Tray provides learners who have visual impairments and/or other significant challenges with a tool in which they can play, explore, and learn independently. The large size (24 x 24 inches) allows ample space for active learning and prevents toys from rolling out of reach. A yellow liner accompanies the tray for additional color contrast.

Price: \$69

EARLY CHILDHOOD

WORK-PLAY TRAYS

Durable trays hold objects which might roll out of reach. Trays provide enclosed work space for sorting, matching, classifying, counting. Two sizes and colors available.

1-03751-00 Small Work-Play
Tray, Black
Price: \$26

1-03660-00 Small Work-Play
Tray, Yellow
Price: \$26

1-03761-00 Large Work-Play
Tray, Black
Price: \$25

1-03740-00 Large Work-Play
Tray, Yellow
Price: \$26

1-03770-00 Dividers (4-pk)
for Small Work-Play Tray
Price: \$36



1-08450-00 **ROLLING INTO PLACE™**

As the Velcro® ball is rolled to its final “surprise” destination, important hand skills and basic directional concepts are learned and reinforced. This interactive storybook’s simultaneous visual, tactile, and auditory feedback help the child attend to the path traveled by the ball. Also included are an assortment of interactive Velcro face pieces and suggested activities.

Price: \$96



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



1-08451-00 **ROLLING RIGHT ALONG CONSTRUCTION KIT™**

This kit allows teachers and parents to construct books similar to APH's Rolling Into Place (above). Using provided accordion-folded panels, Velcro® pathways, and accessory items, self-designed books can be tailored to the child's interests and needs.

Price: \$72



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



1-08452-00 **STICKY DOTS ADHESIVE™**

Tactile graphics projects are easier with Sticky Dots – make any lightweight objects self-adhesive! Use to create tactile books, worksheets, adapted game boards, etc. These sheets allow you to transfer the dots to a wide range of materials, e.g., felt, craft foam, textured paper, etc. Package includes eight 8 1/2 x 11 inch sheets in a tear-off pad.

Price: \$9

LOTS OF DOTS COLORING BOOK SERIES

An exciting set of three raised-line coloring books designed for future large print and braille readers. The books are designed for sequential use; children develop character recognition, pre-literacy, and pre-math skills, and eventually picture building and daily living skills.

Lots of Dots helps children who are visually impaired gain skills similar to those of their sighted peers, facilitating peer interaction. Accompanying each book are suggested enrichment exercises for each letter, number, or word, allowing a child to fully associate the print letter, the braille, the tactile graphic, and the object. Recommended ages: Pre-K and up.

1-10000-00 *LEARNING MY ABC'S*

Facilitates braille character recognition through repetitive activities. Attached to the inside front cover is a plastic stencil of the jumbo cell that can be folded over the blank pages, allowing the student to practice the braille cell for that letter.

Price: \$65

1-10001-00 *COUNTING 1 2 3*

Presents numbers 0-30 and then integers of 10 up to 90. Attached to the inside front cover is a plastic stencil of 3 large braille cells. This can be folded over the blank pages, allowing the child to practice the braille cell for the number by tracing or by using the accompanying foam braille chips. This book uses uncontracted braille.

Price: \$78

1-10002-00 *COLORING THE GARDEN*

Presents a variety of fruits, vegetables, and herbs, and introduces picture building. Beginning with an empty garden; each page adds a new feature, i.e., clouds, rain, seeds, and plants. Once the garden has grown, a new garden item is introduced for the child to color. The child and parents/siblings/teachers can do activities together. Uncontracted and contracted braille are used.

Price: \$56

ENGLISH LANGUAGE ARTS



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PRODUCTS

• • •

1-03562-00 WORD PLAYHOUSE

Helps students focus on phonics, spelling, and phonemic awareness. Use Word PlayHouse to teach beginning phonics and reading skills including letter recognition, braille code recognition, decoding, vocabulary, and spelling skills. Recommended ages: 5 to 8 years

Price: \$342



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

ENGLISH LANGUAGE ARTS

1-03561-01 BRAILLE CONTRACTION CARDS

REVISED



These large print/braille flashcards are for practicing the Literacy Braille contractions.

Includes 282 cards, 78 blank cards, 30 indexing cards with tabs, and a storage box. Recommended ages: 6 years and up.

Price: \$38

UEB
A logo consisting of the letters 'UEB' above a series of six dots arranged in a specific pattern, representing the International Standard for Braille.



1-03560-01 EXPANDED DOLCH WORD CARDS

REVISED



These large print/braille flashcards can be used for reading practice or an informal assessment of a student's ability to read words in contracted braille and spell words in uncontracted braille. Picture word cards contain a picture corresponding to the word. Recommended ages: 5 years and up.

Price: \$42

UEB
A logo consisting of the letters 'UEB' above a series of six dots arranged in a specific pattern, representing the International Standard for Braille.

WILSON READING SYSTEM® (WRS) AND INSTRUCTIONAL MATERIALS

A complete curriculum for teaching decoding and encoding (spelling), beginning with phoneme segmentation. WRS provides an organized, sequential system with extensive controlled text to help teachers implement a multi-sensory structured language program.

This system specifically addresses the learning style of students with a language-based learning disability; however, it is beneficial to any student lacking basic reading and spelling skills.

The Wilson Reading System is authored by Barbara A. Wilson and published by Wilson Language Training Corporation. Permission has been granted to APH to publish the braille and large print versions. For more information and professional development opportunities on the use of the program, please Recommended grades: 2 and up. Visit: wilsonlanguage.com

Note: WRS Instructional Materials are needed to work with the WRS Large Print and Braille Student Kits.

6-79501-SK WILSON READING SYSTEM STUDENT BRAILLE KITS

Student Reader One, Supplemental Worksheets One, Modified Workbooks 1A and 1B, Teacher's Brochure, and WADE Sheets: 1

Price: \$306

6-79501-SK2 Student Reader Two, Supplemental Worksheets Two, Modified Workbooks 2A and 2B, and Teacher's Brochure

Price: \$259

6-7950 1-SK3 Student Reader Three, Supplemental Worksheets Three, Modified Workbooks 3A and 3B, and Teacher's Brochure

Price: \$263

8-79501-SK1 WILSON READING SYSTEM STUDENT LARGE PRINT KITS

Student Reader One and Workbooks 1A and 1B **Price:** \$41

8-79501-SK2 Student Reader Two and Workbooks 2A and 2B

Price: \$37

8-79501-SK3 Student Reader Three and Workbooks 3A and 3B

Price: \$37

6-79505-00 WILSON READING SYSTEM INSTRUCTIONAL MATERIALS

Card Sets w/Carry Case

Price: \$164

6-79506-00 Print/Braille Magnetic Tiles and Journal

Price: \$67



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

continued...

ENGLISH LANGUAGE ARTS

WRS KITS AND INSTRUCTIONAL MATERIALS

REPLACEMENT ITEMS

WILSON READING SYSTEM BRAILLE

6-79502-01 *Student Reader One*

Price: \$45

6-79502-SW Supplemental Worksheets One

Price: \$6

6-79502-WA Modified Workbook 1A

Price: \$48

6-79502-WB Modified Workbook 1B

Price: \$44

6-79507-00 WADE

Price: \$29

6-79503-01 *Student Reader Two*

Price: \$42

6-79503-SW Supplemental Worksheets Two

Price: \$66

6-79503-WA Modified Workbook 2A

Price: \$53

6-79503-WB Modified Workbook 2B

Price: \$68

6-79504-01 *Student Reader Three*

Price: \$66

6-79504-WA Modified Workbook 3A

Price: \$53

6-79504-WB Modified Workbook 3B

Price: \$68

WILSON READING SYSTEM LARGE PRINT

8-79502-00 *Student Reader One*

Price: \$16

8-79502-WA Student Workbook 1A

Price: \$11

8-79502-WB Student Workbook 1B

Price: \$10

8-79503-00 *Student Reader Two*

Price: \$16

8-79503-WA Student Workbook 2A

Price: \$11

8-79503-WB Student Workbook 2B

Price: \$10

8-79504-00 *Student Reader Three*

Price: \$16

8-79504-WA Student Workbook 3A

Price: \$11

8-79504-WB Student Workbook 3B

Price: \$10

1-08896-00 TACTILE EDITING MARKS KIT

The use of tactile editing marks provides these beginning writers with a concrete way to indicate changes on their braille drafts as they revise and edit short pieces. Tactile editing marks enable students to write final correct copies of their work independently.

Recommended ages: 5 years and up.

Price: \$65



REPLACEMENT ITEMS

61-152-111 Label Pack

Price: \$32.60

1-00270-00 Wooden Braille Eraser

Price: \$3



1-03559-00 ALL ABOARD MAGNETIC DRY ERASE BOARD

Use for activities involving magnetic-backed pieces or activities requiring dry erase markers. The working surface of the board measures 13 1/2 x 10 11/16 inches and is affixed to a red rigid vinyl that provides a visual boarder. Use on a flat, stable working surface. Recommended ages: all.

Price: \$27



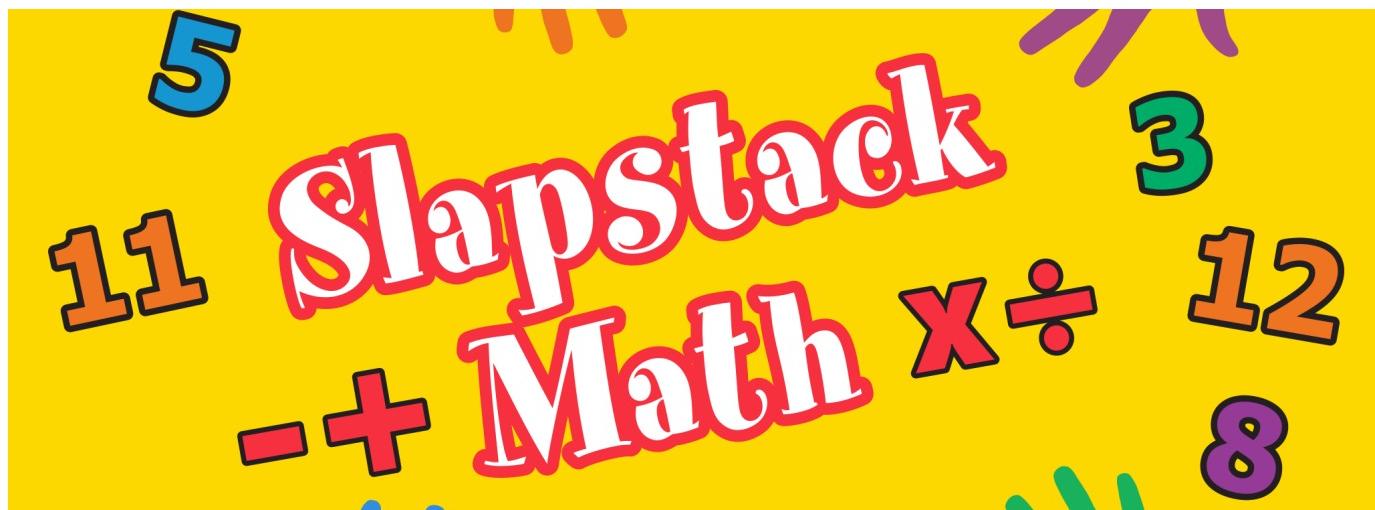
1-03558-00 ALL ABOARD! THE SIGHT WORD ACTIVITY EXPRESS

This set of interactive and versatile magnetic print/braille labels can be used for instruction and assessment of a student's recognition of sight (high frequency) words — the most commonly used words in the English language. The list of 220 words, plus 95 nouns or "picture words," was developed by Edward W. Dolch and is referred to as the "Dolch® Basic Sight Word List."

Price: \$321



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



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PRODUCTS



PRACTICE2MASTER FRACTIONS APP (FOR IOS® DEVICES)



NEW

This app is designed to help students become proficient in fraction calculations. It supplements teachers' instructions by providing students with an unlimited number of practice problems.

This app is fully accessible for all users, especially for students who are blind and visually impaired. It works with devices running iOS 9 or later, and is compatible with VoiceOver™. Recommended ages: 9 years and up.

Practice2Master Fractions is FREE and available on the App Store at:

<https://itunes.apple.com/us/app/practice2master-fractions/id1257764758?mt=8>

ANIMALWATCH VI SUITE (FOR IPAD)®



NEW

The AnimalWatch Vi Suite is a package including an app available from the App Store® online store with accompanying braille and print materials. The app and materials are available for free! Students at the pre-algebra level (grades 5-7) build their math word problem solving skills while learning about endangered and invasive species such as the black rhino, cheetah, gray wolf, and white shark.

Recommended ages: 5th to 7th grade (math level).

Download the app directly from the App Store:

<https://itunes.apple.com/app/animalwatch-vi-suite/id1051014170?mt=8>



1-08410-00 TACTILE ALGEBRA TILES



NEW

Price: \$159

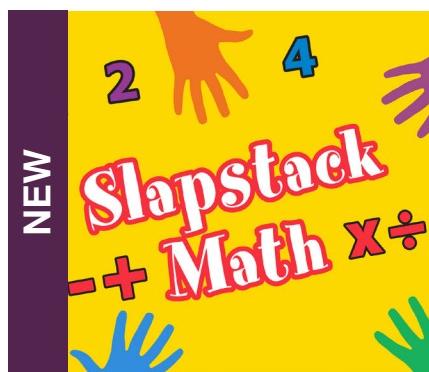
Tactile Algebra Tiles is an accessible version of traditional algebra tiles, specifically designed for students who are blind and visually impaired. It includes magnetic tiles that the students can manipulate on a steel board and uses tactile symbols to help students differentiate between tiles. Colors are chosen with consideration for the needs of students who have low vision. This product is consistent with traditional algebra tiles used by sighted students, allowing students who are visually impaired to work together with their classmates in inclusive classrooms.



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

MATHEMATICS

SLAPSTACK MATH (FOR IOS DEVICES)



NEW

Slapstack Math™ is fully accessible for all users. The goal is to collect the most points by pulling in the most cards. Two to eight players can play on the iPad®, or two to four players on the iPhone®. Recommended ages: 7 years and up.

Slapstack Math is FREE and available on the App Store® online store at
<https://itunes.apple.com/us/app/slapstack-math/id1209184917?mt=8>



MATH ROBOT™ (FOR IPAD)

APH's Math Robot™ has a smart “know-it-all” math robot character that provides fun drills and practices for simple math problems. The app is both self-voicing and accessible with Apple’s VoiceOver. A low vision mode adds extra contrast. Recommended ages: 6 years and up.

MATH ROBOT, NON-QUOTA ORDER, from the App Store

Price: \$4.99

Available on the App Store® at <https://itunes.apple.com/app/math-robot/id704570512>

D-30000-APL MATH ROBOT, QUOTA ORDER

Price: \$4.99

Note: Find detailed software purchasing instructions in the "How to Order" section pg. 196.



NEMETH TUTORIAL

APH's online Nemeth Tutorial consists of over 50 lessons within 11 chapters. It shows teachers and students the rules of the Nemeth Braille code and provides exercises to help teach it. Recommended ages: 5 years and up.

FREE-OF-CHARGE from APH: tech.aph.org/nemeth



DRAW2MEASURE PROTRACTOR (FOR IOS DEVICES)

This app is designed for students who are blind and visually impaired, and can be used by sighted students too! It gives all students an alternative way to measure angles, thus meeting students' diverse needs in math and science classrooms. Works with devices running iOS 8 or later.

Watch a short video: <https://www.youtube.com/watch?v=D77pBfjCmMI> to see the Draw2Measure™ Protractor app in action!

FREE, Available on the App Store:

<https://itunes.apple.com/us/app/draw2measure-protractor/id1097557700?mt=8>



MATH FLASH SOFTWARE

This software helps elementary students sharpen math skills with talking electronic flash cards. This self-voicing program uses the computer's sound card to communicate instructions, drills, practice sessions, and games. Recommended ages: 6 years and up.

Requires a PC running Windows® 7, 8.1, or 10

D-19910-01 CD-ROM

Price: \$24

D-19910-ED DIGITAL DOWNLOAD

Price: \$24



1-08439-00 TACTILE TANGRAMS

The materials and activities presented in APH's Tactile Tangrams make this timeless and popular puzzle accessible to students and adults with visual impairments and blindness.

The use of tangram puzzles encourages the development and reinforcement of many educational and recreational skills including spatial reasoning, shape recognition, size comparison, pattern replication, and independent problem solving.

Price: \$195



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT ITEM

8-08439-00 Teacher's Guidebook, Large Print (w/CD-ROM containing accessible files)

Price: \$22

MATHEMATICS

PARTS MATHBUILDERS

MathBuilders is a supplementary math program separated into eight units by content standards and grade level. This allows the teacher to focus on specific standards or provide remedial material for individual students. Recommended ages: 5 years and up.

LARGE PRINT KIT

7-03560-00 UNIT 1: MATCHING, SORTING, AND PATTERNING

Price: \$271

7-03562-00 UNIT 5: MEASUREMENT AND ESTIMATION

Price: \$249

7-03563-00 UNIT 6: GEOMETRY

Price: \$288

7-03564-00 UNIT 7: FRACTIONS, MIXED NUMBERS, AND DECIMALS

Price: \$265

7-03565-00 UNIT 8: DATA COLLECTION, GRAPHING, AND PROBABILITY/ STATISTICS

Price: \$175



WARNING: Choking Hazard—Small Parts. Not intended
for children ages 5 and under without supervision.

REPLACEMENT ITEMS

Teacher's Guide, Large Print

7-03560-01 Unit 1

Price: \$85

7-03562-01 Unit 5

Price: \$59

7-03563-01 Unit 6

Price: \$59

7-03564-01 Unit 7

Price: \$59

7-03565-01 Unit 8

Price: \$59

Teacher's Guide, Braille

5-03560-01 Unit 1

Price: \$85

5-03562-01 Unit 5

Price: \$75

5-03563-01 Unit 6

Price: \$75

5-03564-01 Unit 7

Price: \$68

5-03565-01 Unit 8

Price: \$64

Consumables Pack, Braille

5-03560-02 Unit 1

Price: \$49

5-03562-02 Unit 5

Price: \$18

5-03563-02 Unit 6

Price: \$30

5-03564-02 Unit 7

Price: \$30

5-03565-02 Unit 8

Price: \$21

OPTIONAL ITEM

General Guidelines, Large Print

Price: Free

5-03560-03 General Guidelines, Braille

Price: \$25

CONSUMABLE NUMBER LINES

Reinforces beginning number concepts such as counting, sequencing, number recognition, number relationships, addition, and subtraction. Use the blank number lines to provide a concrete representation when introducing fractions, decimals, or negative numbers.

Recommended ages: 6 years and up.

1-03012-00 LARGE PRINT SET

Price: \$14

1-03013-00 BRAILLE/TACTILE SET

Price: \$21



1-03481-00 DESKTOP STICK-ON NUMBER LINES

Visually and/or tactually demonstrate basic number concepts. Number Lines are reusable up to five times. The adhesive will not permanently stick to surfaces. Sold in 5-pk.

Recommended ages: 6 years and up.

LARGE PRINT/BRAILLE

Price: \$20



1-03482-00 ADVANCED DESKTOP STICK-ON NUMBER LINES

Visually and/or tactually demonstrate the basic concepts of negative numbers: counting, sequencing, number relationships, addition, and subtraction. Supports Common Core State Standards, Number Sense, Grades 6 & 7. Sold in 5-pk. Recommended ages: 11 years and up.

LARGE PRINT/BRAILLE

Price: \$30



PARTS 1-03480-01 NUMBER LINE DEVICE

The number line is a basic tool for teaching number concepts, number sequence, counting, addition, subtraction, multiplication, division, rounding, estimating whole numbers, common fractions, and decimals. Recommended ages: 5 years and up

Print and braille versions of the manual are available as a free download at www.aph.org/manuals

Price: \$194



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

MATHEMATICS

1-03185-00 EZEECOUNT ABACUS

This abacus consists of a 10 x 10 grid of flat beads. The beads can be flipped and distinguished by color and/or texture. The red beads are wavy/rough and the yellow beads are smooth. Each row of beads slides along an elastic band from left to right. The reverse side is a dry-erase board. Recommended ages: 5 years and up.

Price: \$70



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT ITEM

61-078-022 Guidebook, Large Print:

Price: \$11.35

OPTIONAL ITEM

5-03185-00 Guidebook, Braille:

Price: \$15



1-07340-00 ORION TI-84 PLUS TALKING GRAPHING CALCULATOR

The Orion TI-84 Plus™ Talking Graphing Calculator is a modified TI-84 Plus with a small attachment that adds accessibility and additional controls. APH partnered with Orbit Research® and Texas Instruments® to make this powerful calculator accessible.

Recommended for: Algebra 1&2, Geometry, Statistics/AP Statistics, Pre-Calculus, Calculus/AP Calculus, Trigonometry, Physics, and College Math. Not Recommended for students below grade 6.

Price: \$599

REPLACEMENT ITEM

45-004-011 Hard Plastic Sliding Cover

Price: \$13.65

GEOMETRO SETS

Provides hands-on experience with manipulatives that aid in teaching 3-D geometry. Geometro pieces use Velcro® material to adhere to each other and are easy to handle, sturdy, and safe.

1-03022-00 MINI SET

Price: \$102

1-03023-00 MEDIUM SET

Price: \$133

1-03024-00 LARGE SET

Price: \$319



GEOMETRO SHAPES

Optional sets can be purchased in addition to the Geometro kits. These shapes can be combined with the main Geometro kits to create additional 3-D solids.

1-03028-00 RECTANGLES (6-pk)

Price: \$48

1-03025-00 DECAGONS (12-pk)

Price: \$223

1-03029-00 ISOSCELES TRIANGLES (6-pk)

Price: \$39

1-03027-00 HOOK MATERIAL RODS (3-pk)

Price: \$35

1-03026-00 OCTAGONS (6-pk)

Price: \$115



1-03030-00 GEOMETRO CYLINDER AND CONE

These materials provide students with flat plastic shapes (six circles, two rectangles, and two circle sectors) that can be readily joined to form two cylinders and two cones.

Price: \$131



1-03021-00 STUDENT WORKBOOK KIT FOR GEOMETRO

This kit is designed for students in the elementary grades, and revolves around three kinds of 3-D and 2-D tasks. To learn more about Geometro, visit: www.geometro.net

Price:



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

OPTIONAL ITEM

5-03021-00 Teacher's Manual, Braille

Price:\$16

MATHEMATICS

1-08834-00 TEXTURED SORTING CIRCLES AND SHAPES

These assorted shapes are provided in a variety of textures, sizes, and colors. The accompanying sorting circles are also provided in a variety of colors and textures, and can be used to create Venn diagrams.

Price: \$144



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



1-08894-00 TACTILE COMPASS FOR MATH & ART

This assistive tool enables students to draw tactile circles up to 6 inches in diameter and includes tactile markings in inches and centimeters. Includes two different spur wheels to draw both single-line and double-line circles. Used in combination with braille paper or plastic film and a rubber mat (not included with this product). Recommended ages: 7 years and up.

Price: \$62



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



PARTS FOCUS IN MATHEMATICS KIT, SECOND EDITION

Objectives are aligned to National Council of Teachers of Mathematics Curriculum Focal Points. Materials include hundreds of manipulative items, designed to be easily handled and offer tactile and visual contrast. Teacher materials include a Teacher's Guide, reusable student worksheets, and printable assessment checklists included on the CD.

Recommended ages: Pre-K to 1st grade.

1-08280-01 PRINT KIT

Price: \$727

1-08281-01 BRAILLE KIT

Price: \$613

REPLACEMENT ITEMS

7-08280-01 Manual, Print

Price: \$45

5-08281-01 Manual, Braille

Price: \$65



1-03125-00 ANALOG CLOCK MODEL

Helps teach about time-telling concepts. Has braille and raised large print markings and hands that are easily rotated. Model has no motor. Recommended ages: 6 to 10 years.

Price: \$10

1-03111-00 CLOCK FACE SHEETS IN BRAILLE

Each sheet contains four embossed braille clock faces. Clock hands can be added to these blank clock faces. Embossed on 11 1/2 x 11 inch manila transcribing paper. 25-pk., 3-hole punched. Recommended ages: 6 to 10 years.

Price: \$16



1-08960-00 STACKUPS: SPATIAL REASONING USING CUBES AND ISOMETRIC DRAWINGS

Encourages students using 2-D and 3-D shapes to: Recognize, name, build, draw, compare, and sort; Describe attributes and parts; and Investigate and predict the results of putting together and taking apart. Recommended ages: 10 years and up.

Price: \$353

REPLACEMENT ITEMS

1-08960-01 Cubes (set of 20)

Teacher's Guidebook

Price: \$52

7-08960-00 Large Print w/CD-ROM

1-08960-02 Mat Plan Worksheets (25-pk.)

Price: \$69

Price: \$6

5-08960-00 Braille w/CD-ROM

Price: \$43



5-82699-00 ADDITION AND SUBTRACTION TABLE KIT

Large print/braille tool designed to reinforce the basic addition and subtraction facts. Includes 10 printed/embossed charts and a print guidebook.

Price: \$27



5-82700-01 MULTIPLICATION/DIVISION TABLE KIT

The chart is printed/embossed on white index stock and is 3-hole punched. Alternating rows are highlighted to help low vision students easily track numbers. Includes 10 charts (grids) and a print guidebook.

Price: \$19.50

REPLACEMENT ITEM

17-125-013 Guidebook

Price: \$7.50

MATHEMATICS

5-82710-00 CONSUMABLE HUNDREDS CHART

This graphic organizer for the numbers 1–100 helps learners develop the skills they need to become flexible and fluent problem solvers and meet the requirements of many state standards as well as the Common Core State Standards.

The chart is printed/embossed on white index stock paper. Alternating rows are highlighted to help students with low vision easily track numbers. Includes 10 charts (5 with highlighting and 5 without highlighting) and a large print guidebook. The Guidebook is available as a free download in accessible formats of .brf and .txt from the APH website: www.aph.org/manuals/

Price: \$15



1-08841-00 GEOMETRY TACTILE GRAPHICS KIT

Set of thermoformed raised-line drawings depicting geometry concepts, figures, and relationships. Graphics are larger and easier for students to measure than those in braille textbooks. Recommended ages: 12 years and up.

Price: \$127



1-03410-00 GEOMETRIC FORMS

Introduces students to the circle, square, and triangle. Includes 3 plane figures, 4 solid figures, and 1 white plastic sheet illustrating the shapes in black, raised lines.

Recommended ages: 5 years and up.

Price: \$52



1-04095-00 VENN DIAGRAM TEMPLATE KIT

A Venn diagram or set diagram shows all possible logical relations between a finite collection of sets. Kit includes 15 sheets with two-circle diagrams and 15 sheets with three-circle diagrams, sized to allow for braille labeling in all sections and in the outer margins. The outlines of the circles are made in contrasting line styles so they are easily distinguishable, both visually and tactually. These heavy, consumable sheets may be tooled directly or used in a braillewriter. Includes a total of 30 sheets, measuring 11.5 x 11 inches.

Price: \$32

1-04115-00 BRAILLE/LARGE PRINT PROTRACTOR

Bold large print numbers and raised dots mark the 180 degrees of this protractor, with markings every 5 degrees. The lines are bold and the type is 18 point.

This protractor features a pivoting wand. When aligned with a certain degree measurement, the corresponding angle is created by the wand and the bottom edge of the protractor.

Price: \$23



1-00460-01 GRAPHIC AID FOR MATHEMATICS

Construct geometric and other figures and graphs related to arithmetic, algebra, geometry, trigonometry, and calculus.

Consists of a cork board mounted with a rubber mat embossed with a 34 x 30 grid of 1/2 inch squares. Included are three flat spring wires, 14 push pins, and rubber bands.

Recommended ages: 8 years and up.

Price: \$221



LARGE PRINT AND TACTILE PROTRACTORS

Students can use the same convenient measuring tools in both classroom and assessment situations. Both protractors are made of lightweight, clear plastic and feature a moveable, transparent yellow wand. Notches on bottom left and right allow for pinning to a surface. Sold in a 4-pk.

1-04116-00 LARGE PRINT PROTRACTOR

Price: \$42

1-04117-00 TACTILE PROTRACTOR

Price: \$43



PARTS 1-03290-00 FRACTIONAL PARTS OF WHOLE SET

Tactile circles introduce the concepts of wholes, halves, thirds, and fourths. This set contains one work tray with three form boards and 3-inch diameter circles, one whole and the others cut into halves, thirds, and fourths. Recommended ages: 5 years and up.

Price: \$64

MATHEMATICS

BRANNAN CUBARITHM SLATE AND CUBES

Young students may find it easier to use this device rather than a brailleur to align mathematical problems. A rubber frame with a 16 x 16 grid pattern of nests will hold small plastic cubes numbered 0 through 9 in braille (no print). Frame and cubes are sold separately.

Recommended ages: 6 years and up.

1-00320-00 CUBARITHM SLATE

Price: \$26

1-00330-00 PLASTIC CUBES (Set of 100)

Price: \$21



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



NEMETH CODE REFERENCE SHEET FOR BASIC MATHEMATICS

Listing of common symbols from the Nemeth Braille Code for Mathematics. Shows them in use.

7-87500-00 PRINT

Price: \$15

5-87400-00 BRAILLE

Price: \$15



PARTS 1-03105-00 HUNDREDS BOARDS AND MANIPULATIVES

These two boards and included manipulatives can be used to help teach basic math concepts.

Includes two desk-sized (10x10 inch) boards made of heavy-duty plastic.

Recommended ages: 5 to 10 years.

Price: \$196

REPLACEMENT ITEM

1-03105-01 Numbers only

Price: \$19



TRANSPARENT CCTV RULERS

These flexible, see-through vinyl rulers make it easier to measure items magnified by a CCTV (closed-circuit television). Each includes a set of 6 rulers.

1-03008-00 YELLOW

Price: \$15

1-03009-00 CLEAR

Price: \$14

MATH DRILL CARDS IN BRAILLE AND LARGE PRINT

These handy math skill reinforcing cards are sold in five separate sets. Number & Math Sign set have a math sign or number sign in braille and large print and braille on opposite sides. Has a math fact with the answer on opposite sides. Braille is Nemeth Braille Code for Mathematics. Recommended ages: 5 to 10 years.

1-03551-00 NUMBER & MATH SIGNS

Price: \$14

1-03552-00 ADDITION

Price: \$12

1-03553-00 SUBTRACTION

Price: \$12

1-03554-00 MULTIPLICATION

Price: \$12

1-03555-00 DIVISION

Price: \$12

Note: Some assembly required. These cards can be used with APH's Card Chart Kit,

1-03550-00.



QUICK PICK MATH

This math game consists of a plastic packet with 50 large print/braille cards. To play, the student inserts the included tool in one of four holes in the front of the plastic packet. If the answer is correct, the card will slide out. If the answer is incorrect, the card will not pull out. Transcribed in Nemeth Braille. Recommended ages: 5 years and up.

1-03570-00 ADDITION

Price: \$57

1-03571-00 SUBTRACTION

Price: \$60

1-03572-00 MULTIPLICATION

Price: \$60

1-03573-00 DIVISION

Price: \$60



1-03574-00 QUICK PICK COUNTING

A game designed to help young children learn to count to 12 with raised-line symbols and braille numbers. Recommended ages: 4 years and up.

Price: \$42



1-03577-00 QUICK PICK CARDS SET, BLANK

Includes 50 blank game cards that can be used with the Quick Pick Game series.

Price: \$7

MATHEMATICS

1-03010-00 LARGE PRINT/BRAILLE TOSS-AWAY RULER

This ruler, with markings in both large print and braille, is designed for the classroom or testing and assessment situations where an inexpensive measuring device is needed. 7-inch rulers marked with centimeters and inches are printed/embossed on assorted bright colors of heavy paper with high contrast numbers. Sold in a 24-pk.

Price: \$16



FLEXIBLE RULERS (BRAILLE/LARGE PRINT)

These flexible rulers allow tactful and visual measurement of flat or curved surfaces. Sold in a 5-pk. Recommended ages: 5 years and up.

1-03050-00 18-INCH

Price: \$10

1-03031-00 30-CENTIMETER

Price: \$9



1-FOOT BRAILLE RULERS

Plastic rulers taper on the edge. A metal caliper slide to aid in accuracy is included (and available separately). Offered in Metric-English and English. Recommended ages: 5 years and up.

1-03100-00 METRIC-ENGLISH MEASUREMENT RULER

Price: \$12

1-03070-00 ENGLISH MEASUREMENT RULER

Price: \$12



1-03000-00 METERSTICK (BRAILLE)

Plastic, drilled for hanging, with raised lines every centimeter, and braille every other centimeter; thick raised lines for decimeters. Recommended ages: 5 years and up.

Price: \$25



1-03002-00 BRAILLE/LARGE PRINT YARDSTICK

Made of durable white plastic, drilled for hanging. Has raised-line markings along one edge in 1/4 inch increments, with braille marking every inch. Black large print markings are along the opposite edge in 1/4 inch increments.

Price: \$27

ABACUS BASIC COMPETENCY: A COUNTING METHOD

Teaches abacus skills in the four basic math operations. This abacus instructional system uses the Counting Method instead of the traditional indirect method.

7-00219-00 LARGE PRINT

Price: \$17.50

5-00219-00 BRAILLE

Price: \$30

OTHER ABACUS BOOKS

THE ABACUS MADE EASY:

5-00220-00 Braille

Price: \$73

4-00100-00 Large Print

Price: \$38

USING THE CRANMER ABACUS

FOR THE BLIND:

6-50100-00 Braille

Price: \$45

4-27110-00 Large Print

Price: \$75



APH OFFERS FOUR ABACUSES TO ADDRESS A VARIETY OF NEEDS

Each abacus consists of a black frame with white beads that slide against a red felt backing. The red felt background provides a good visual contrast and prevents beads from slipping.

1-03180-00 BEGINNER'S ABACUS

Reinforces beginning mathematical concepts, includes print guidebook. Braille guidebook available separately. Recommended ages: 5 to 7 years.

Price: \$30

REPLACEMENT ITEM

7-03180-00 *Beginner's Abacus Guidebook*,
Print

Price: \$12

OPTIONAL ITEM

5-03180-00 *Beginner's Abacus Guidebook*,
Braille

Price: \$19



1-03181-00 EXPANDED BEGINNER'S ABACUS KIT

This abacus lends itself to preparing a young student for the Cranmer Abacus. The simple design allows for enhanced readability for "little fingers." Includes print guidebook. Measures 5.37 x 3.25 x 0.75 inches. Recommended ages: 5 to 7 years.

Price: \$38

REPLACEMENT ITEM

7-03181-00 Guidebook, Print

Price: \$9

OPTIONAL ITEM

5-03181-00 Guidebook, Braille

Price: \$36

continued...

MATHEMATICS

1-03150-00 CRANMER ABACUS

A 13-rod abacus, beads have a 3/8 inch diameter. An optional metal coupler is available for linking two abacuses together. Recommended ages: 5 years and up.

Price: \$36

OPTIONAL ITEM

1-03160-00 Coupler for Cranmer Abacus

Price: \$6



1-03170-00 LARGE ABACUS

Young students and those without fine motor skills can benefit from this large 13-rod abacus. Beads are 1/2 inch diameter. Recommended ages: 5 years and up.

Price: \$39



1-30004-DVD *HANDS-ON EXPERIENCE WITH THE CRANMER ABACUS*

The concepts and skills covered in this DVD and accompanying booklet include how numbers are represented and how to perform the four basic math functions on the Cranmer Abacus.

Price: \$25

SCIENCE AND HEALTH



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PRODUCTS

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1-08975-00 PROTEIN SYNTHESIS KIT



NEW

Price: \$289

The Protein Synthesis Kit is an accessible, interactive model that adds to the molecular biology concepts introduced by the DNA-RNA Kit. After a messenger RNA molecule is prepared with the DNA-RNA Kit, students decode the RNA nucleotide sequence and build transfer RNA molecules that carry amino acids in the correct sequence. The Protein Synthesis Kit includes jigsaw puzzle-like pieces representing transfer RNA nucleotides, Stop and Start subunits, all twenty amino acids, and the APH Genetic Code Large Print Braille.

REPLACEMENT ITEMS

61-358-022 Amino Acids **Price:** \$67.25

61-358-021 Transfer RNA subunits **Price:** \$60.15

61-358-023 Start and Stop subunits **Price:** \$57.50



1-03020-00 TACTILE DEMONSTRATION THERMOMETER

Allows students to independently read, set, and compare temperatures. Has a two-textured, two-colored adjustable “mercury column” with an easy-grip tactile indicator and comparable Fahrenheit and Celsius scales presented in both large print and braille.

Recommended ages: 6 and up.

Price: \$121



1-08286-00 LIGHT IN-SIGHT: REFLECTION & REFRACTION KIT

This kit enables science and physics students who are visually impaired to construct ray diagrams related to light reflection and refraction. Unlike other tactile graphics, which are often static, diagrams constructed using this product are malleable, making the teaching and learning process interactive and dynamic. Recommended ages: 12 years and up.

Price: \$199



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

1-08850-00 BASIC SCIENCE TACTILE GRAPHICS

Basic Science Tactile Graphics are vacuum-formed raised-line drawings depicting objects, concepts, and relationships that are covered in nearly all elementary science textbooks. They are intended to supplement, not replace, the graphics in a student's adapted textbook. Instructional hints and suggestions are given for each tactile drawing. Includes 52 graphics.

Price: \$135

OPTIONAL ITEM

5-08850-00 Guidebook, Braille

Price: \$23

REPLACEMENT ITEM

7-08850-00 Guidebook, Large Print

Price: \$18



1-08840-00 LIFE SCIENCE TACTILE GRAPHICS

Vacuum-formed, full-color raised-line tactile graphics intended to supplement the figures and diagrams in life science textbooks. Life Science Tactile Graphics depict organisms, processes, concepts, and patterns which are typically covered in middle- and high school life science courses. Includes 56 graphics. Braille Teacher's Guide available as a free download.

Price: \$376

REPLACEMENT ITEM

61-151-211 Teacher's Guide, Large Print

Price: 8.50



7-00000-00 ADAPTING SCIENCE FOR STUDENTS WITH VISUAL IMPAIRMENTS: A HANDBOOK FOR THE CLASSROOM TEACHER AND TEACHER OF THE VISUALLY IMPAIRED

Designed to assist teachers, particularly those with minimal science background and/or VI experience, in making operational science activities accessible to students who are visually impaired and blind. The handbook is sold with 5 each of the Advanced Preparation and Skills Checklists, which are also available separately.

Price: \$67

REPLACEMENT ITEM

7-00001-00 Advanced Preparation & Skills Checklists, Print (5 ea.)

Price: \$22

SCIENCE AND HEALTH

1-08845-00 BASIC TACTILE ANATOMY ATLAS

This two-volume set of thermoformed tactile graphics gives a comprehensive overview of the human body. Each tactful diagram has braille and print labels with a brief braille description. A print version of each brailled text is included. Recommended ages: 12 years and up.

Price: \$318

REPLACEMENT ITEM

7-08845-00 Instructional Text, Print

Price: \$30



1-08976-00 TOUCH, LABEL, & LEARN POSTER: HUMAN SKELETON (ANTERIOR VIEW)

This kit provides an interactive presentation for reviewing the names, locations, and relationships of human skeletal bones. Poster has a dual tactile/color design.

Recommended ages: 8 years and up.

Price: \$179

REPLACEMENT ITEMS

1-08838-03 Picture Maker Storage Panel

Price: \$20

61-236-024 Bag of print/embossed number labels, 2 sets

Price: \$15.05



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



1-08979-00 DNA-RNA KIT

This kit provides students with a sturdy and dependable model, improving on other available molecular biology models. Optional Guidebook, 61-358-018 is available as a free download.

Price: \$127



1-08978-00 DNA TWIST

Demonstrates an accessible structure of the DNA molecule. Shipped flat and easily twists to form the familiar double-helix configuration. The included stand holds the model in its twisted shape. A large print instruction booklet provides information about DNA and educational resources.

Price: \$57

1-08980-00 SENSE OF SCIENCE SERIES

Sense of Science is a hands-on, multi-sensory series designed to make the world of science accessible, understandable, and enjoyable.

SENSE OF SCIENCE: PLANTS

A unique science series for visually impaired students, and for other students who may benefit from a multi-sensory approach to learning. Recommended ages: 5 to 10 years.

Price: \$342

REPLACEMENT ITEM

7-08980-00 Guidebook, Large Print

Price: \$32

OPTIONAL ITEM

Guidebook, Braille

Price: \$41

SENSE OF SCIENCE: ANIMALS

Activities incorporate a step-by-step procedure, an extended activity, a visual adaptation, math and language connections, and a “science tidbit.” Recommended ages: 5 to 10 years.

Price: \$517

REPLACEMENT ITEM

7-08990-00 Guidebook, Large Print

Price: \$46

OPTIONAL ITEM

Guidebook Braille

Price: \$75

SENSE OF SCIENCE: ASTRONOMY

This set of materials is appropriate for a broader range of ages and grade levels of students with visual impairments and blindness. Activities are complemented by the included visual/tactile overlays and fold-out 2-D displays. Recommended ages: 8 years and up.

Price: \$379

REPLACEMENT ITEMS

7-08991-00 Guidebook, LP

Price: \$58

1-08993-00 Quick Fact Cards

Price: \$70

1-08992-00 Worksheets

Price: \$37

OPTIONAL ITEM

5-08991-00 Guidebook, Braille

Price: \$73

SCIENCE AND HEALTH

TACTILE PUNNETT SQUARES SHEETS

A Punnett Square is a diagram that is used to predict the outcome of a particular genetic cross or breeding experiment. It is used by biologists to determine the probability of offspring genotypes. The Punnett Square is a visual representation of Mendelian inheritance. Each comes in sheets of 25. Recommended ages: middle through high school.

1-08890-00 4-BOX PUNNET SQUares

Price: \$20

1-08891-00 16-BOX PUNNETT SQUares

Price: \$20



1-08977-00 GENETIC CODE LARGE PRINT BRAILLE

The genetic code is the set of rules by which information encoded within genetic material (DNA or mRNA sequences) is translated into proteins (amino acid sequences) by living cells. Recommended age: High school.

Price: \$30



PERIODIC TABLE OF THE ELEMENTS REFERENCE CHART AND BOOKLET

This reference table is a durable and colorful print/braille chart. It comes with a reference booklet in print or in braille (you choose the format) that contains additional tables listing the elements. Measures 22 1/2 x 13 inches.

7-08855-00 W/BOOKLET IN PRINT

Price: \$44

5-08855-00 W/BOOKLET IN BRAILLE

Price: \$53

REPLACEMENT ITEM

61-167-025 Periodic Table of the Elements Reference Chart

Price: \$21.75

PARTS 1-08856-00 AZER'S INTERACTIVE PERIODIC TABLE STUDY SET

This interactive study set is designed to make learning about the periodic table of the elements accessible. It assists with the instruction and demonstration of concepts related to the arrangement of the periodic table, atomic structure, ionic and covalent bonding, and balancing of chemical equations. Recommended ages: 10 years and up.

Note: Some assembly required.

Price: \$503



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT ITEM

7-08856-00 Guidebook, Large Print w/CD-ROM

Price: \$19

OPTIONAL ITEM

5-08856-00 Guidebook, Braille w/CD-ROM

Price: \$31

SOCIAL STUDIES: HISTORY, GEOGRAPHY, AND ECONOMICS



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5-06001-00 WORLD MAPS

Thermoformed on durable 11.5 x 11 inch vinyl, these tactile maps are a comprehensive aid to geographic instruction and orientation. With tactile maps of all the continents, regions, and countries of the world these maps differ from other tactile maps in that they use clear variations in height and texture. Labeled in braille, the facing pages have key information in braille and large print.

Price: \$165

SOCIAL STUDIES: HISTORY, GEOGRAPHY, AND ECONOMICS

1-01551-01 TACTILE WORLD GLOBE

REVISED



Price: \$139

This new and improved Tactile World Globe offers more tactile and braille information than provided by previous APH tactile globes. A clear plastic overlay covers a standard 12-inch political globe with a non-skid wood base.

Tactile Information on the clear overlay includes: raised, topographical land area with all continents labeled in braille; major oceans labeled in braille; raised latitude and longitude lines labeled in braille (as space accommodates); and more.

A braille/print "key" that defines the various line types on the tactile overlay is also included.

Recommended ages: 10 years and up.



5-87431-00 NATIONAL GEOGRAPHIC PICTURE ATLAS OF OUR FIFTY STATES, BRAILLE EDITION

Comprehensive braille/tactile atlas has detailed maps and information for each state. Three maps of each state. Recommended ages: 6 years and up.

Price: \$449



1-01190-00 WORLD AT YOUR FINGERS

This large tactile reference map shows the major oceans and land masses using high-contrast raised surfaces, braille and print labels, and textured lines and areas. It also shows major mountain ranges, rivers, and lines of longitude and latitude.

Price: \$123



1-01920-00 U.S. & CANADA TACTILE/PRINT ATLAS

The *U.S. & Canada Tactile/Print Atlas* is a reference volume of thematic maps for use in geography, history, or social studies classes, or for general informational use outside the classroom. Recommended ages: 11 years and up.

Price: \$161

SOCIAL STUDIES: HISTORY, GEOGRAPHY, AND ECONOMICS

PARTS 7-01140-00 U.S. PUZZLE MAP

This take-apart political/topographical map of the United States measures 32 1/2 x 18 inches and has many features to help make learning fun for all students: Recommended ages: 7 years and up.

Price: \$446



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT ITEM

Reference Guides:

7-01140-00 Large Print

Price: \$19

5-01140-00 Braille

Price: \$28



STATE MAPS COLLECTION

Each State Maps Collection is a set of embossed and printed outline maps for a region of the United States. Add to the images with tracing wheel lines, craft ink, glued-on textures, etc. Add braille labels as needed.

1-04110-00 NORTHEAST REGION

Price: \$45

1-04112-00 CENTRAL REGION

Price: \$45

1-04111-00 SOUTHEAST REGION

Price: \$45

1-04113-00 WESTERN REGION

Price: \$44



1-01150-00 INTERACTIVE U.S. MAP WITH TALKING TACTILE PEN

This map's combination of tactile, visual, and audio feedback allows for independent, self-guided study by visually impaired and blind students and adults, as well as by sighted peers. The Talking Tactile Pen is a non-writing stylus. Recommended ages: 8 years and up.

Price: \$276



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



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PRODUCTS

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8-03800-00 **TIME FOR ART: PROJECTS AND LESSONS FOR STUDENTS WITH VISUAL IMPAIRMENTS**

A handbook for teachers and parents that explains how to instruct visually impaired students in art, how to handle the media being explored, and points to consider in art program planning. Companion lessons are offered for each project and often explore other areas such as science, history, or mathematics.

Price: \$16

FINE ARTS

1-03333-00 COLOR-BY-TEXTURE CIRCUS COLORING PAGES



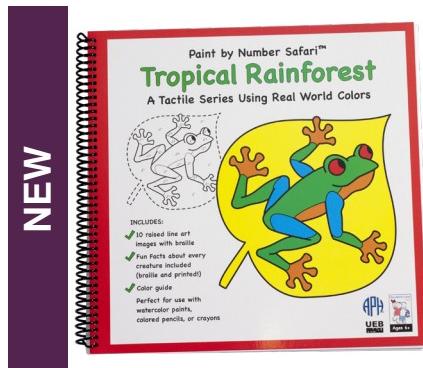
Price: \$27

These raised-line coloring pages facilitate a variety of art activities for young children and students who are visually impaired and blind.

Color-by-Texture CIRCUS Coloring Pages offers theme-based coloring pages to complement APH's Color-by-Texture Marking Mats. Recommended ages: 6 years and up.



1-03934-00 PAINT BY NUMBER SAFARI TROPICAL RAINFOREST



Price: \$39

Learn about art, nature, and real world colors with Paint by Number Safari coloring series!

Tropical Rainforest is the first of the Paint by Number Safari™ Series. Paint by Number Safari includes a set of custom-made drawings of real-world subjects that are printed and embossed on heavy paper. The embossed lines make it easy to trace the subjects with your fingers and then follow with a crayon, colored pencil, or paintbrush. Recommended ages: 3 years and up.



1-03933-00 PAINT POT PALETTE: CREATING ART THROUGH TOUCH

Includes a set of custom-made, whimsical drawings by San Francisco artist Debi Harrison titled Color SENSEation. The pictures are printed and embossed on heavy paper; each picture is titled in print and braille. The embossed lines make it easy to trace the subjects with the fingers and then follow with a crayon or paint brush. Paint Pot Palette is a collaboration between PlayAbility Toys and APH. Replacement parts are available from PlayAbility Toys, www.PlayAbilityToys.com

Price: \$53



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

1-03332-00 COLOR-BY-TEXTURE MARKING MATS

An assortment of textured mats that encourage students to independently select embellishments for their personal artwork and coloring pages, as well as for art creations made with clay, foil, and more!

The primary goal of this product is to invite tactile learners to be active participants in art activities by making their own choices based on color and texture preferences. The textured mats and related items can also be used by adults for more sophisticated art creations. The kit is ideal for promoting shared art experiences within a variety of instructional settings with sighted peers.

Price: \$144

REPLACEMENT ITEM

61-114-012 Raised-Line Coloring Pages, set of 25

Price: \$21.70

**1-08879-00 BRAILLE BEADS: APH STARTER KIT**

These small, plastic rectangular beads have braille on one side and incised print letters on the other. Kit also includes fun image beads. By wearing braille jewelry, children become ambassadors for braille! Braille Beads measure: 10mm tall x 8mm wide x 5mm deep (braille height is 0.52mm) Recommended ages: 5 years and up.

Price: \$229



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT ITEMS

1-08887-00 Findings Pack
Kit (necklace, bracelet, fob)

Price: \$31

1-08888-00 Braille
Beads Pack

Price: \$154

1-08889-00 Pony
Beads Pack

Price: \$21

BUSINESS AND VOCATIONAL EDUCATION



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1-08009-00 FOLDRITE: LETTER FOLDING TOOL

Made of durable plastic, designed to make folding 8 1/2 x 11 inch paper a snap. Consists of two plastic, hinged plates. Letters can be tri-folded by placing the paper between the plates and folding the FoldRite over twice. Can also be used to create strips of blank braille paper that fit into a business envelope.

Price: \$5

BUSINESS AND VOCATIONAL EDUCATION

1-08000-00 PREVOCATIONAL SKILLS DEVELOPMENT MATERIALS

Designed for multihandicapped students, this kit and other materials suggested in the guidebook helps develop manipulative skills, such as matching, sorting, counting, assembling, and packaging. Recommended ages: 10 years and up.

Price: \$473

REPLACEMENT ITEMS:

1-08010-00 Paper-Folding Jig

Price: \$40

1-08020-00 Round & Square
Containers with Screw Tops

Price: \$155

1-08030-00. Sorting/Assembly Tray

Price: \$103

1-08040-00 Bolt, Nut, & Washer Board

Price: \$63

1-08050-00 Bolt Practice Boards

Price: \$93

8-01300-00 Prevocational Skills
Development Guidebook

Price: \$19

Note: The Sorting and Assembly tray can be used as a calendar box system. To learn more, read the article in APH News at: www.aph.org/news/january-2004/

PHYSICAL EDUCATION



Every
body
plays!

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PRODUCTS

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APH SOUND BALLS

Features: Dual Speakers and volume; two colors/two distinct sounds; two-tone sound, non-toxic/latex-free materials; durable; and 7 1/2 inches in diameter.

1-07510-00 BOING BOING (YELLOW)

Price: \$122

1-07516-00 TECHNO BEAT (RED)

Price: \$122

REPLACEMENT ITEM

61-190-021 Power Supply, Sound Balls

Price: \$39.25

PHYSICAL EDUCATION

RIB-IT-BALLS

These fun balls are easy to grab and have high contrast ribbing. “Crinkly” fabric in the ribs adds an auditory component. These inflatable, latex-free multicolored balls have been designed in two-color combinations, making them easier for visual orientation, and are available in three sizes.

1-07513-00 **14-INCH**

Price: \$27

1-07514-00 **18-INCH**

Price: \$43

1-07515-00 **30-INCH w/Pump**

Price: \$75



WARNING: Rib-It-Balls are not designed to be used as a therapy ball. Excessive weight should not be placed upon it.

REPLACEMENT ITEMS

Bladders

1-07513-01 14 inch

Price: \$5

1-07514-01 18 inch

Price: \$60

1-07515-01 30 inch

Price: \$21



EVERYBODY PLAYS! HOW KIDS WITH VISUAL IMPAIRMENTS PLAY SPORTS

A fun storybook that follows an elementary school-age child to a sports camp for children who have visual impairments, blindness, or deafblindness. Readers learn about sports and recreational physical activities that are enjoyed universally.

7-13095-00 **LARGE PRINT/CD**

Price: \$74

5-13095-00 **BRAILLE/CD**

Price: \$38



7-08609-00 GAMES FOR PEOPLE WITH SENSORY IMPAIRMENTS

Physical education teachers and activity/recreation directors find GAMES for People With Sensory Impairments: Strategies for Including Individuals of all Ages to be practical, relevant, and realistic. Adapted Physical Education (APE) professors find it to be a valuable tool when teaching future APE teachers. For novices, this publication provides a wealth of information on what to do, how to do it, and why. Large Print with CD-ROM that contains an .html file. Braille version available as a free download.

Price: \$66

1-03045-00 PORTABLE SOUND SOURCE, SPORT EDITION

This lightweight sound source comes with a remote control and carrying strap. Create audio tones that provide directional cues for O&M, sound localization training, or playground games and sports. Braille Guidebook sold separately. Recommended ages: 6 years and up.

Price: \$246

REPLACEMENT ITEMS

7-03045-00 Sound Localization Guidebook,

Large Print

Price: \$28

1-03045-01 Remote Control

Price: \$47

OPTIONAL ITEM

5-03045-00 Sound Localization Guidebook, Braille

Price: \$42



7-08400-00 GROSS MOTOR DEVELOPMENT CURRICULUM FOR CHILDREN WITH VISUAL IMPAIRMENT

This three-part book, by authors Pamela Haibach, PhD, and Lauren Lieberman, PhD, addresses the specific skills of children with visual impairments based upon research findings on fundamental motor skills. The curriculum provides teachers and parents with a detailed breakdown of each locomotor skill and object control skill.

Watch children work around instructional barriers in this instructional video: www.aph.org/physical-education/

Price: \$36



PARTS 1-07520-00 WALK/RUN FOR FITNESS KIT

This kit includes a personal guidewire system that can be set up in your backyard, a school, or a park. Two included talking pedometers encourage family and peer participation. If running or walking with a human guide, you can use the kit's adjustable tether, which is long enough to accommodate wheelchair users. Includes a shoulder sling pack for storage and travel. Guidewire measures 20 meters (21.9 yards).

Price: \$181

REPLACEMENT ITEM

Guidebooks

7-07520-00 Large Print

Price: \$20

5-07520-00 Braille

Price: \$25

1-08110-00 30-LOVE TENNIS KIT

Whether practicing against a wall, playing singles against an opponent, or participating in a round of doubles, tennis is a great sport for practicing sound localization skills and socialization. Includes: 2 blindfolds and 2 rackets; set of 6 sound-adapted tennis balls; and *30-Love: Tennis Guidelines*, Large Print and Braille editions.

Price: \$145

REPLACEMENT ITEM

61-145-087 Sound Adapted Tennis Ball

Price: \$13.95/ea.



1-07521-00 JUMP ROPE TO FITNESS KIT

Improve your cardiovascular health: 10 minutes of jumping rope can be as effective as 30 minutes of jogging! The APH Jump Rope to Fitness Kit provides blind and visually impaired individuals the tools to jump rope independently, learn specific skills, and set goals. Recommended ages: 9 years and up.

Price: \$161



7-13090-01 *GOING PLACES: TRANSITION GUIDELINES FOR COMMUNITY-BASED PHYSICAL ACTIVITIES FOR STUDENTS WHO HAVE VISUAL IMPAIRMENTS, BLINDNESS, OR DEAFBLINDNESS*

This is a resource guide for teens and young adults that promotes independent physical activity. It outlines a step-by-step process for choosing and participating in sports and other physical activities outside of the school arena. Includes a large print guide and CD, braille version available as a free download at: www.aph.org/manuals/#alpha-g

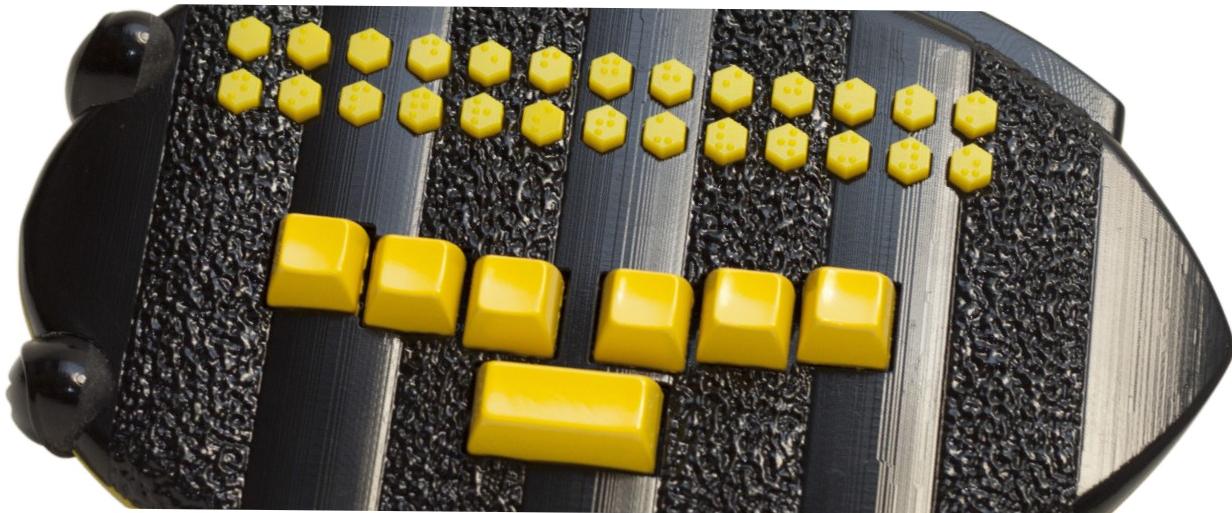
Price: \$89

REPLACEMENT ITEM

5-13091-00 Braille Worksheet Packet

Price: \$25

COMMUNICATION MODES AND LITERACY EDUCATION



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PRODUCTS

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1-08870-00 FEEL 'N PEEL STICKERS: BRAILLE/PRINT CAPITAL LETTERS A-Z



NEW

Price: \$19

Capital Letters A-Z are intended for the creation and adaptation of print capital letter materials for individuals who are blind and visually impaired. These multi-use braille/print stickers are embossed on clear, durable plastic. Recommended ages: Preschool and up.



1-08863-00 FEEL 'N PEEL SHEETS: CAROUSEL OF TEXTURES

Multi-use tactile sheets are printed and embossed on clear, durable plastic.

Recommended ages: Preschool and up.

Price: \$96

REPLACEMENT ITEM

1-08452-00 Sticky Dots Adhesive

Price: \$9



FEEL 'N PEEL STICKERS: BASIC MATH SYMBOLS

These multi-use braille/print stickers are embossed on clear, durable plastic. Separate UEB and Nemeth packages of the Basic Math Symbols are available.

Recommended ages: Preschool and up.

1-08892-00 NEMETH

Price: \$33

1-08893-00 UEB

Price: \$33

ALL FEEL 'N PEEL KITS:



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

COMMUNICATION MODES AND LITERACY EDUCATION

1-08843-00 FEEL 'N PEEL STICKERS I

Multi-use tactile/visual stickers for students and adults. Bright, translucent colors, durable plastic.

Recommended ages: 3 and up.

Price: \$77

REPLACEMENT ITEMS

1-08846-00 Point Symbol
(over 1,200 stickers)

Price: \$24

1-08847-00 Smiley/Frowny Face
(over 200 stickers)

Price: \$24

1-08848-00 Reward Statements
(200 stickers)

Price: \$24

1-08849-00 Braille/Print Alphabet Letters
(over 600 stickers)

Price: \$24



1-08864-00 FEEL 'N PEEL STICKERS II

Multi-use tactile/visual stickers for students and adults. Bright, translucent colors, durable plastic.

Recommended ages: 3 and up.

Price: \$96

REPLACEMENT ITEMS

1-08865-00 Numbers
(over 650 stickers)

Price: \$24

1-08866-00 Rewards
Statements II
(over 100 stickers)

Price: \$24

1-08867-00 Stars
(over 300 stickers)

Price: \$24

1-08868-00 Point Symbols II
(over 1,200 stickers)

Price: \$24

1-08869-00 Color Names
(over 100 stickers)

Price: \$24

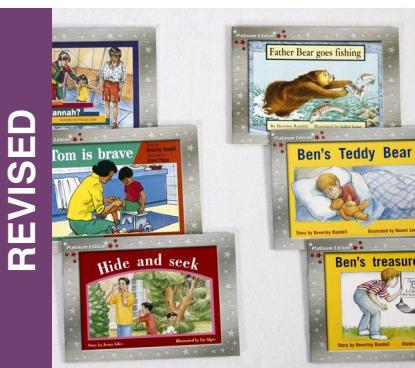


1-08876-00 FEEL 'N PEEL STICKERS: NEMETH BRAILLE/PRINT NUMBERS 0-100

These multi-use tactile stickers are printed and embossed on clear, durable plastic. Feel 'n Peel Stickers: Nemeth Braille/Print Numbers 0-100 are intended for the creation and adaptation of science and math related materials. Recommended ages: Preschool and up.

Price: \$24

EARLY BRAILLE TRADEBOOKS



REVISED

RIGBY PM PLATINUM KIT 1

3-00301-00 Contracted:

Price: \$109

3-00302-00 Uncontracted:

Price: \$109

APH's Early Braille Trade Books Project combines commercially available books with braille labels for beginning readers. These kits include books, braille labels, and a new unique feature: access to an interactive website, tech.aph.org/ebt/



RIGBY PM PLATINUM KIT 2

3-00303-00 Contracted:

Price: \$109

3-00304-00 Uncontracted:

Price: \$109

RIGBY PM PLATINUM KIT 3

3-00305-00 Contracted:

Price: \$129

3-00306-00 Uncontracted:

Price: \$129



1-03557-00 LARGE/MAGNETIC DRY-ERASE BOARD



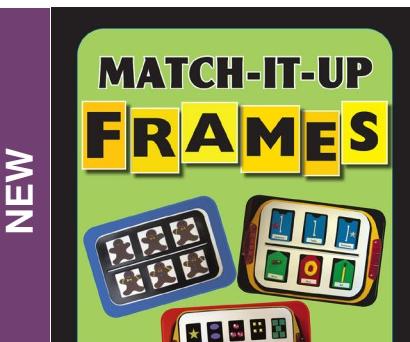
NEW

Price: \$41

The Large Magnetic/Dry-Erase Board can be used as a standalone product to accommodate activities involving magnetic-backed pieces or activities requiring dry-erase markers. The working surface of the board measures 21 3/8 x 13 1/2 inches and is affixed to a blue, rigid vinyl that provides a visual border. This board is intended to be used on a flat, stable working surface. Visit APH's shopping site to locate products and components that work on the magnetic/dry-erase surface, or use the board in combination with commercially-acquired or handcrafted items. Recommended ages: all.

COMMUNICATION MODES AND LITERACY EDUCATION

MATCH-IT-UP FRAMES



1-08828-00 SMALL SET

Price: \$141

Use these frames in a variety of ways to facilitate learning tasks related to matching, sequencing, patterning, counting, and much more! Large Set and Small Set activities can be custom-designed by teachers and parents to address specific learning needs of students who are blind and visually impaired, as well as those with multiple disabilities.

Recommended ages: 3 years and up.

1-08827-00 LARGE SET

Price: \$219

REPLACEMENT ITEMS

Tactile Connections Card Packs (15-pk)

1-08837-02 Black

Price: \$12

1-08837-03 Blue

Price: \$12

1-08837-06 Red

Price: \$12

1-08837-07 White

Price: \$12

1-08837-08 Yellow

Price: \$12



1-08837-00 TACTILE CONNECTIONS: SYMBOLS FOR COMMUNICATION

This kit helps teachers create a tactile card system that is individualized for visually impaired and blind learners who have additional disabilities and/or lack a formal means of communication or literacy. Recommended ages: 5 years and up.

Price: \$162

REPLACEMENT ITEMS

7-08837-00, LP Guidebook w/CD-ROM

Price: \$39

1-08837-01 Accessories with Caulk

Price: \$39

Tactile Connections Card Packs (15-pk)

1-08837-02 Black

Price: \$12

1-08837-06 Red

Price: \$12

1-08837-08 Yellow

Price: \$12

1-08837-03 Blue

Price: \$12

1-08837-07 White

Price: \$12

OPTIONAL ITEM

5-08837-00 Guidebook, Braille

Price: \$38

7-08837-SP Guidebook, Spanish

Price: \$37

PARTS 1-08854-00 SAM: SYMBOLS AND MEANING

A kit for students with visual and multiple impairments and pre-k children with visual impairments who are just beginning to use symbols—the late sensorimotor, early preoperational stage of cognitive development.

The SAM Guidebook provides strategies for developing a strong sensory foundation for concepts about people, objects, actions, and places so that symbols referring to them are meaningful.

Price: \$428



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

Note: For the APH Intervention Continuum Sequential Kits, APH recommends that learners use the following three products sequentially: Sensory Learning Kit (SLK), SAM: Symbols and Meaning, and Tactile Connections.

REPLACEMENT ITEM

7-08854-00 SAM: Guidebook/Assessment and Games Book, Print

Price: \$76



PARTS EXPANDABLE CALENDAR BOXES

Help students who lack a formal means of communication and literacy. They are closed-cell foam boxes that can be used singularly as an anticipation box or in a grouping of two or more as calendar boxes. These boxes benefit students with disabilities that put them at risk for not understanding, participating in, or directing the events that surround them.

1-08651-00 WHITE BOXES

Price: \$151

1-08652-00 BLACK BOXES

Price: \$151



1-08653-00 CALENDAR BOX STABILIZER

Designed to rest on the majority of wheelchair trays, the stabilizer allows learning partners to present calendar boxes on a variety of surfaces (e.g., tabletops, floors) or hold them in the air before the student. The stabilizer is white on one side and black on the opposite side. For the visual ease of students—especially those students with cerebral/cortical visual impairment (CVI)—use the included white hook and loop material on the white side of the stabilizer and black hook and loop material on the black side.

Price: \$37

COMMUNICATION MODES AND LITERACY EDUCATION

BRAILLABLE LABELS AND SHEETS

These clear, blank self-adhesive labels can be brailled and used on items around home, school, and office.

The pre-cut, peel-off Large and Small labels accommodate braille lines up to 15 cells wide, with four lines on the large and two on the small labels. Full-Size and Pin-Fed Sheets offer more room for brailling and can be cut to size. A printed SimBraille® sheet is included to assist in determining size and placement.

1-08871-00 ASSORTED PACK (5 small, 5 large, 10 full-size, and 30 pin-fed sheets)

Price: \$50

1-08872-00 SMALL LABEL PACK

(3.87 x 0.95) 10 sheets, 18 labels per sheet

Price: \$13

1-08873-00 LARGE LABEL PACK

(3.87 x 1.75) 10 sheets, 10 labels per sheet

Price: \$13

1-08874-00 FULL-SIZE LABELS (8.5 X 11)

15 sheets

Price: \$18

1-08875-00 PIN-FED LABELS (8.5 X 11)

30 continuous sheet

Price: \$38

1-08895-00 *PIN-FED LABELS (7 x 2.4)

102 labels on a continuous sheet

Price: \$23



1-08815-00 STACS: STANDARDIZED TACTILE AUGMENTATIVE COMMUNICATION SYMBOLS KIT

Tactile symbol systems are valuable tools that aid learners with conversations about people, places, events, and ideas. STACS: Standardized Tactile Augmentative Communication Symbols Kit helps learning partners (teachers, parents, peers, etc.) teach a beginning standardized vocabulary. Recommended ages: all.

Price: \$696

REPLACEMENT ITEM

7-08815-00 Guidebook, Print

Price: \$23

OPTIONAL ITEM

5-08815-00 Guidebook, Braille

Price: \$24

ALUMINUM DIAGRAMMING FOIL FOR USE WITH TACTILE GRAPHICS KIT

For creating masters of raised-line graphics. Foil has white paint on one side for drawing graphics beforehand in pencil or ink. Available in rolls or sheets. Roll is 11 inches wide and approximately 75 feet long (you get less than you did with the old roll).

Sheets measure 11 x 11 inches. 30 sheets per package.

1-04090-00 FOIL SHEETS

Price: \$39

1-04121-00 FOIL ROLL

Price: \$78



PARTS 1-08851-00 TACTILE GRAPHICS KIT

The Tactile Graphics Kit is an extensive set of materials that allows teachers, transcribers, and mobility instructors to create custom raised-line maps, graphs, diagrams, and charts using a variety of point symbol tongs, areal pattern plates, and line drawing tools. Masters are embossed on heavy aluminum foil and can be reproduced on a vacuum-form machine.

Price: \$297

REPLACEMENT ITEMS

1-08851-01 Line-Drawing Tool Kit (3 tools)

Price: \$70

7-08851-00 Guidebook, Large Print/CD-ROM

Price: \$42



1-08878-00 GRAPHIC ART TAPE

Includes three different widths of black, crepe-finish tape, 1/4, 1/8, and 1/16 inches in 18-yard rolls with separate print and braille versions of a suggested uses sheet.

Price: \$38



1-03275-00 TEXTURED PAPER COLLECTION

This paper collection contains tactile colored sheets that can be cut out and applied to another surface for many purposes, such as tactile worksheets, areal patterns, storybooks, household items, etc.

Price: \$54

COMMUNICATION MODES AND LITERACY EDUCATION

PARTS 1-08857-00 DRAFTSMAN TACTILE DRAWING BOARD

A versatile tactile drawing board that is used in combination with special film and a stylus to create instant raised-line images. Intended for a wide audience, such as students, teachers, parents, and adults who are blind, the DRAFTSMAN can be used for all kinds of activities.

This board has a plastic frame that encases a double-layered rubber surface. Clamp a sheet of included drawing film onto the board and use the included stylus or a ballpoint pen to quickly draw a raised image.

Price: \$229

REPLACEMENT ITEM

1-08858-00 Tactile Drawing Film (25 sheets)

Price: \$7



1-03610-00 SWAIL DOT INVERTER

Construct simple diagrams, graphs, maps, etc. by embossing a series of single dots. Braille paper (sold separately) is placed on top of the 12 x 12 inch rubber pad. The special stylus allows dots to be embossed upwards by puncturing the paper on the down stroke and then pulling the dot upwards on the up stroke. Works best with Brailon® plastic braille paper, available in multiple sizes from American Thermoform, www.americanthermoform.com

Recommended ages: 5 years and up.

Price: \$45

REPLACEMENT ITEM

1-03620-00 Rubber Pad

Price: \$11



1-04960-00 QUICK-DRAW PAPER

Create instant tactile graphics that are useful for a wide variety of art, orientation & mobility, diagramming, and educational activities. Simply draw on paper surface with a water-based marker and the lines will swell instantly and become tactile. Includes 10 sheets of Quick-Draw™ Paper, instructions in large print, and two water-based markers. Recommended ages: 4 years and up.

Price: \$35

OPTIONAL ITEM

5-04960-00 *Suggested Uses*, Braille

Price: \$9

1-08516-01 INTELLITACTILES PRE-BRAILLE CONCEPTS, CLASSROOM SUITE EDITION

IntelliTactiles™ Pre-Braille Concepts Classroom Suite Edition includes seven tactile overlays that can be used with the commercially available IntelliKeys® USB keyboard, or as stand-alone “worksheets,” to develop young children’s tactile discrimination skills, shape recognition ability, and understanding of many spatial/positional concepts. Recommended ages: 5 to 10 years.

Price: \$173

REPLACEMENT ITEM

7-08516-01 User’s Guide, Large Print

Price: \$15

5-08516-01 User’s Guide, Braille

Price: \$24



WORD ASSOCIATIONS PRINT/BRAILLE LABELS

Introduce children to the world of reading by using these large print/braille stickers! Consists of 12 sheets of self-adhesive labels containing common words. For example, the large print/braille label “chair” can be placed on a chair to associate the word with the object. Includes 91 labels and a manual in either large print or braille. Recommended ages: 3 years and up.

8-39050-00 Large Print Manual

Price: \$42

6-39050-00 Braille Manual

Price: \$44

REPLACEMENT ITEMS

6-39052-00 Labels

Price: \$22

8-39051-00 Manual, Large

Print

Price: \$19

6-39051-00 Manual, Braille

Price: \$22



1-18971-00 INDIVIDUAL CALENDAR KIT

Students can experience the fun and challenge of creating their own calendars. This kit includes 12 brightly colored embossed/bold line grid sheets, one for each month. Labels are marked in large print and in braille. Recommended ages: 4 to 10 years.

Price: \$18



PARTS CLASSROOM CALENDAR KIT

Introduce children to concepts of measuring time; tracking left, right, top, and bottom; recording the weather; and recognizing and sequencing numerals. Recommended ages: 4 to 10 years.

1-18970-00 English

Price: \$147

1-18973-00 Spanish

Price: \$149

COMMUNICATION MODES AND LITERACY EDUCATION

1-03550-00 CARD CHART KIT

Chart board measures 19 1/2 x 12 1/4 inches and has holes for hanging and a corner cut for orientation. Up to five cards can be inserted into each of six high contrast slots. Includes 90 blank cards. Recommended ages: all.

Price: \$35

REPLACEMENT ITEM

1-03540-00 Blank Cards (90 cards)

Price: \$5



TALKING TYPER™ (FOR IOS DEVICES)

Learn to type or improve your skills with drills, practice lessons, keyboard explorer, and an entertaining game. Works with iOS devices running iOS 9.1 or later.

Talking Typer comes with 35 built-in lessons at beginner and advanced levels. Teachers and parents can create new lessons, edit lessons, and assign lessons to individual students or groups. The app saves the results of each drill allowing students, teachers, and parents to monitor improvement.

The app can also be used with a refreshable braille display, like APH's Orbit Reader 20™ Bluetooth®-enabled device, making it accessible for students who are deafblind.

TALKING TYPER, NON-QUOTA ORDER, on the App Store®

Price: \$4.99

D-30021-APL TALKING TYPER, QUOTA ORDER Available on the App Store at

<https://itunes.apple.com/app/id992103463>

Price: \$4.99

Note: Find detailed software purchasing instructions in the "How to Order" section, pg. 196

TALKING TYPER™ (FOR WINDOWS SOFTWARE)

A computer keyboard and typing training software that speaks and displays lessons on screen. Includes drills, practice, and typing games and is adjustable to the student's level of skill and sight impairment. Recommended ages: 6 years and up.

Requires a PC running Windows® 7, 8.1, or 10.

D-03430-01 CD-ROM

Price: \$89

D-03430-ED DIGITAL DOWNLOAD

Price: \$79

DIGITAL DOWNLOAD, MULTIPLE LICENSES

D-03430-ED1 25-49 users

Price: \$69/machine

D-03430-ED3 75-99 users

Price: \$55/machine

D-03430-ED2 50-74 users

Price: \$63/machine

D-03430-ED4 100+ users

Price: \$47/machine



LEARN KEYS: VERBAL KEYBOARD FEEDBACK SOFTWARE

A PC keyboard exploration and announcement program that gives you human speech feedback.

Requires a PC running Windows® 7, 8.1, or 10.

Note: Learn Keys is not a screen reader – it speaks keystrokes.

D-03410-00 CD-ROM

Price: \$14.95

D-03410-ED DIGITAL DOWNLOAD

Price: \$14.95



1-04020-00 BRAILLE ALPHABET AND NUMBERS CARD

Intended to increase the awareness of braille among print readers, this card presents the alphabet, numbers, and limited punctuation signs in braille. A simple sentence in uncontracted braille is included, allowing for translation practice. Includes 100 cards.

Price: \$8



QUICK CHECK: INDEX OF LITERARY BRAILLE SIGNS

This booklet contains many of the common English braille contractions, including word signs, short-form words, punctuation, and composition signs.

5-35960-01 BRAILLE

Price: \$20

7-35960-01 PRINT

Price: \$10.50

COMMUNICATION MODES AND LITERACY EDUCATION

Z-SMWR97 WEEKLY READER: SPECIAL PRINT/BRAILLE EDITION

A fun and educational publication for print readers who want to learn more about the way kids who are blind read and write. Cartoon characters help you learn about the braille code, Louis Braille, large print, and Talking Books. Regular print publication with samples of braille.

As a special service, educators may request up to five copies free by calling our 800 number. Sold individually. Recommended ages: 8 years and up.

Price: \$1



1-03206-00 READWRITE STAND

Use this stand for both reading and writing tasks. Stand measures 18 x 14 1/8 inches and can be positioned in four distinct angles – 5° (at rest), 15°, 30°, and 45°. Weighs approx. 2 1/2 lbs. and has two built-in handles. It features a low-profile clip that secures reading/writing materials (e.g., worksheets) to the stand during use. An LED book light is provided and can be positioned by the user along the upper edge of the reading stand. Recommended ages: 5 years and up.

Price: \$109



1-03207-00 READWRITE MINI

Similar to the above ReadWrite, but smaller. Stand measures 10 x 11 1/2 inches and can be positioned in the same four distinct angles. Weighs approx. 1 1/2 lbs. and has a built-in handle.

This bright red reading/writing stand has a metal apparatus mounted on the back that accommodates three additional angles apart from the resting angle.

Recommended ages: 5 years and up.

Price: \$103

READWRITE AND READWRITE MINI:



WARNING: Adult supervision is required for adjusting the brackets for child use. DO NOT place fingers underneath the spring-loaded hinges of the uppermost bracket.

GRANDSTAND: PORTABLE READING EASEL

Easy to lift, carry, and lock into position. Folds up when not in use. Adjustable shelf may be raised and lowered to accommodate the height of the reader. Surface measures 15 x 14 1/2 inches.

Weighs only 2 1/3 lbs. Recommended ages: 5 years and up.

1-03205-00 YELLOW

Price: \$66

1-03204-00 BLACK

Price: \$64



1-03220-01 DESK TOP READING STAND

This reading stand is made of durable white plastic. It is portable and holds reading material at a proper position for low vision users. Recommended ages: 8 years and up.

Price: \$181



1-03230-00 SHAFER READING STAND

Adjustable, heavy-duty self-supporting stand for large print publications. Has a tripod base with a 42-inch shaft. A 4-joint, adjustable swivel arm/book rack attaches to the shaft. Bookrack measures 16 x 11 1/2 inches. Swivel arm can be locked at any height along the shaft. Bookrack can be rotated or tilted in many different positions. All-metal construction, except for nonslip rubber feet. Recommended ages: 6 years and up.

Price: \$326



1-04000-01 APH ALPHABET CARD FOLDER

Designed to raise the awareness of braille among print readers, this card displays the braille alphabet, a sample of large print, and a brief history of APH. Measures 3 5/8 x 6 3/8 inches folded. Includes 100 cards. As a special service, educators may request up to five copies free by calling our 800 number.

Price: \$9

Not available with Quota funds.



6-78041-00 SWING CELL COMPACT

Helps students understand the relationship between the braille cell and the keys on a braillewriter. Internal storage of pegs. Recommended ages: 5 years and up.

Price: \$62

COMMUNICATION MODES AND LITERACY EDUCATION

1-17002-00 POP-A-CELL

A large-scale braille cell measuring 2 5/8 x 4 1/4 inches. Pop the durable plastic cell dots up or down to create various braille characters. Set of four colors and a Braille Alphabet and Numbers Card included.

Price: \$18



6-44670-00 TOUCH AND TELL

Classic set of braille reading readiness books. Volumes I and II introduce embossed hands and geometric forms. Volume III introduces braille dots. Recommended ages: 5 to 6 years.

Price: \$99

REPLACEMENT ITEM

8-44660-00 Instruction booklet

Price: \$6



1-08820-00 BIG CELL

An enlarged plastic braille cell model that allows a blind person to examine the shape of a braille cell. Helps beginning slate users learn where to put the stylus for various dot positions.

Price: \$7



1-08830-00 PEG SLATE

Designed to help teach beginning users of the braille slate. A frame is mounted with pegs that represent the braille dots in 10 braille cells. Push pegs down, then flip frame over to read the braille message. Instructions in print and braille. Recommended ages: 6 years to adult.

Price: \$16

FLIP-OVER CONCEPT BOOKS

These concept books provide interactive, independent learning for young children as they build basic concepts and develop early tactile skills. The format of the books consists of tactile, full-color panels that can be turned until the child finds adjacent panels that continue a line or pattern, complete a sequence, build an image, and so on.

Recommended ages: 4 years and up.

1-08831-00 FLIP-OVER CONCEPT BOOKS: LINE PATHS

LINE PATHS includes tactile and full color panels that can be turned freely until the child finds adjacent panels that match each other, continue a line or pattern, and so on. Continuous Line Path Worksheets are included to allow the child to practice.

Price: \$88

1-08832-00 FLIP-OVER CONCEPT BOOKS: PARTS OF A WHOLE

PARTS OF A WHOLE consist of tactile, full color panels that can be turned freely until the child finds adjacent panels that match each other, continue a line or pattern, complete a sequence, build an image, and so on.

Price: \$63

1-08829-00 FLIP-OVER CONCEPT BOOKS: TEXTURES

The TEXTURES goal is to find three adjacent panels that are embossed with the same textured pattern. An assortment of textured vinyl panels is provided that the teacher/parent can select from to build a unique TEXTURE flip-over book. Each texture appears as separate red, blue, or yellow panels. Some panels are duplicated in soft, flocked styrene to encourage the child to discriminate between subtle textural differences.

Price: \$100



PARTS 1-08853-00 SETTING THE STAGE FOR TACTILE UNDERSTANDING

This set of tangible items and activities assists young tactile readers in making the transition from the exploration of real objects to the interpretation of 2-D representations, both in thermoformed formats and simple raised-line illustrations. A 3-D house model aids in advanced understanding of scale and perspective. Recommended ages: 5 years and up.

Price: \$209

REPLACEMENT ITEM

7-08853-00 Guidebook, Large Print

Price: \$46

OPTIONAL ITEM

5-08853-00 Guidebook, Braille

Price: \$35

COMMUNICATION MODES AND LITERACY EDUCATION

6-78360-00 PATTERNS PREBRAILLE PROGRAM

Designed to prepare children before they begin braille reading. Helps build a child's auditory, tactal, conceptual, and language skills. Emphasis in this program is on exposure to a variety of common childhood experiences.

Price: \$108

OPTIONAL ITEMS

8-78380-00 Teacher's Manual

Price: \$25

8-78370-00 Instructions for Making Tactual Readiness Books

Price: \$10

6-78361-00 Patterns Prebraille Form Books

Price: \$55



BUILDING ON PATTERNS: KINDERGARTEN LEVEL

Building on Patterns (BOP) is a complete primary literacy program designed to teach beginning braille users to read, write, and spell in braille. Student materials are in UEB. The series addresses vocabulary, fluency, comprehension, phonemic awareness (ability to hear and interpret sounds in speech), and phonics.

Kindergarten lessons include a selection to be read to the student, questions to discuss, and an activity for the child to complete. Recommended ages: 4 years and up.

Note: Each student kit includes Posttest Consumables, Textbook Assessment Check-up Forms, set of 7 Student Textbooks, and a *Color Me Book*.



6-78550-00 STUDENT KIT

Price: \$179

TEACHER'S EDITION

8-78451-00 Print (2 vol.) 6-78451-00 Braille

Price: \$152 **Price:** \$152

REPLACEMENT ITEMS

8-78455-00 Posttest Consumable Set (Print & Braille)

Price: \$22

6-78553-00 Student Textbooks-UEB

Price: \$108

8-78456-00 Assessment Check-up Forms (Print & Braille)

Price: \$26

6-78454-00 *Color Me Book*

Price: \$23

OPTIONAL ITEM

8-78452-00 Posttest Teacher's Manual, Print

Price: \$21

6-78452-00 Posttest Teacher's Manual, Braille

Price: \$21

BUILDING ON PATTERNS: FIRST GRADE LEVEL

BOP is a complete primary literacy program designed to teach beginning braille users all language arts — reading, writing, and spelling. Student materials are in UEB. BOP First Grade lessons require students to read selections themselves with emphasis on decoding skills, comprehension, and fluency. Creative writing, related to the reading selections, is included with each lesson. Spelling is based upon phonics skills. Worksheet packs, lesson monitoring sheets, and unit assessment packs are consumables and are available separately.

Recommended ages: 6 years and up.

Prerequisite: Building on Patterns: Kindergarten or equivalent skills.

Note: Each student kit includes Lesson Monitoring Sheets, Assessment Check-up Forms, Student Textbooks, and Worksheets Pack. Unit 1 Teacher's Edition includes Reference Vol.



WARNING: Choking Hazard—Small Parts. Not intended
for children ages 5 and under without supervision.

UNIT 1, *Not Far from Home*

6-78560-U1 Student Kit

Price: \$119

Teacher's Edition

(includes Reference Vol.)

8-78561-U1 Print

Price: \$99

6-78561-U1 Braille

Price: \$99

UNIT 2, *Going and Doing*

6-78560-U2 Student Kit

Price: \$119

Teacher's Edition:

8-78461-U2 Print

Price: \$65

6-78461-U2 Braille

Price: \$69

UNIT 3, *Animal Tales*

6-78560-U3 Student Kit

Price: \$119

Teacher's Edition:

8-78461-U3 Print

Price: \$59

6-78461-U3 Braille

Price: \$59

UNIT 4, *At School*

6-78560-U4 Student

Kit—UEB

Price: \$119

Teacher's Edition:

8-78461-U4 Print

Price: \$59

6-78461-U4 Braille

Price: \$59

UNIT 5, *This and That*

6-78560-U5 Student Kit

Price: \$119

Teacher's Edition:

8-78461-U5 Print

Price: \$59

6-78461-U5 Braille

Price: \$59

UNIT 6, *More Animal Tales*

6-78560-U6 Student Kit

Price: \$119

Teacher's Edition:

8-78461-U6 Print

Price: \$59

6-78461-U6 Braille

Price: \$59

UNIT 7, *Think About It!*

6-78560-U7 Student Kit

Price: \$119

Teacher's Edition:

8-78461-U7 Print

Price: \$59

6-78461-U7 Braille

Price: \$59

BOP: KINDERGARTEN, FIRST GRADE, AND SECOND GRADE

Note: Download FREE UEB Teacher Supplements for each volume of the Teacher's Edition from www.aph.org/manuals/#alpha-b for information on what has changed.

continued...

COMMUNICATION MODES AND LITERACY EDUCATION

REPLACEMENT ITEMS, BOP FIRST GRADE:

Unit 1

6-78463-U1 Student Txtbk.

Price: \$29

8-78466-U1 Assessment Forms (print & braille)

Price: \$29

8-78463-U1 Lesson Sheets (print & braille)

Price: \$33

6-78564-U1 Worksheets Pk.

Price: \$28

Unit 2

6-78463-U2 Student Txtbk.

Price: \$29

8-78466-U2 Assessment Forms (print & braille)

Price: \$29

8-78463-U2 Lesson Sheets (print & braille)

Price: \$33

6-78564-U2 Worksheets Pk.

Price: \$28

Unit 3

6-78563-U3 Student Txtbk.

Price: \$29

8-78466-U3 Assessment Forms (print & braille)

Price: \$29

8-78463-U3 Lesson Sheets (print & braille)

Price: \$33

6-78564-U3 Worksheets Pk.

Price: \$28

Unit 4

6-78563-U4 Student Txtbk.

Price: \$29

8-78466-U4 Assessment Forms (print & braille)

Price: \$29

8-78463-U4 Lesson Sheets (print & braille)

Price: \$33

6-78564-U4 Worksheets Pk–UEB

Price: \$28

Unit 5

6-78563-U5 Student Txtbk.

Price: \$29

8-78466-U5 Assessment Forms (print & braille)

Price: \$29

8-78463-U5 Lesson Sheets (print & braille)

Price: \$33

6-78564-U5 Worksheets Pk.

Price: \$28

Unit 6

6-78563-U6 Student Txtbk.

Price: \$29

8-78466-U6 Assessment Forms (print & braille)

Price: \$29

8-78463-U6 Lesson Sheets (print & braille)

Price: \$33

6-78564-U6 Worksheets Pk.

Price: \$28

Unit 7

6-78563-U7 Student Txtbk

Price: \$29

8-78466-U7 Assessment Forms (print & braille)

Price: \$29

8-78463-U7 Lesson Sheets (print & braille)

Price: \$33

6-78564-U7 Worksheets Pk.

Price: \$28

Reference Volume

(included w/U1 Teacher's Ed.)

8-78461-RV Print

Price: \$44

6-78461-RV Braille

Price: \$44.00

OPTIONAL ITEMS

Teacher's Posttest Manual

8-78562-00 Print

Price: \$25

6-78562-00 Braille

Price: \$25

Posttest Consumables Pack

8-78565-00

Price: \$40

6-78467-00 Unit 6 Animal Shapes and Pages Set

Price: \$39

BUILDING ON PATTERNS: SECOND GRADE LEVEL

Braille contractions are introduced from the beginning along with sound and letter associations. Expanded Core Curriculum (ECC) Skills such as using tactile graphics and technology are also included. Student materials are in UEB. BOP Second Grade includes more worksheets, part-word braille contractions, and other remaining literacy contractions and symbols along with the rules to use them. The curriculum also emphasizes syllables and multisyllabic words, and the effect of certain letter combinations on vowel sounds. For optional map work, each lesson gives the foreign origin of at least one spelling word. Recommended ages: 7 years and up.

Prerequisite: BOP First Grade or equivalent skills.

Note: Each student kit includes Lesson Monitoring Sheets, Assessment Check-up Forms, Student Textbooks, and Worksheets Pack. Unit 1 Teacher's Edition includes Reference Vol.



UNIT 1, That's So Silly

6-78570-U1 Student Kit

Price: \$169

Teacher's Edition
(includes Reference Vol.)

8-78571-U1 Print

Price: \$159

6-78571-U1 Braille

Price: \$159

UNIT 2, At Your Service

6-78570-U2 Student Kit

Price: \$169

Teacher's Edition

8-78471-U2 Print

Price: \$159

6-78471-U2 Braille

Price: \$159

UNIT 3, Family and Friends

6-78570-U3 Student Kit

Price: \$169

Teacher's Edition

8-78471-U3 Print

Price: \$159

6-78471-U3 Braille

Price: \$159

UNIT 4, Just for the Fun of It

6-78570-U4 Student Kit

Price: \$169

Teacher's Edition

8-78471-U4 Print

Price: \$159

6-78471-U4 Braille

Price: \$159

UNIT 5, It's a Natural Thing

6-78570-U5 Student Kit

Price: \$169

Teacher's Edition

8-78471-U5 Print

Price: \$159

6-78471-U5 Braille

Price: \$159

UNIT 6, A Walk on the Wild

Side

6-78570-U6 Student Kit

Price: \$169

Teacher's Edition:

8-78471-U6 Print

Price: \$159

6-78471-U6 Braille

Price: \$159

UNIT 7, Celebrate Books

(includes 3 chapter books)

6-78570-U7 Student Kit

Price: \$169

Teacher's Edition

8-78471-U7 Print

Price: \$159

6-78471-U7 Braille

Price: \$159

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COMMUNICATION MODES AND LITERACY EDUCATION

REPLACEMENT ITEMS, BOP SECOND GRADE:

Unit 1

6-78573-U1 Student Txtbk.

Price: \$35

8-78476-U1 Assessment Forms (print & braille)

Price: \$77

8-78473-U1 Lesson Sheets (print & braille)

Price: \$22

6-78574-U1 Worksheets Pk.

Price: \$35

Unit 2

6-78573-U2 Student Txtbk.

Price: \$35

8-78476-U2 Assessment Forms (print & braille)

Price: \$77

8-78473-U2 Lesson Sheets (print & braille)

Price: \$22

6-78574-U2 Worksheets Pk.

Price: \$35

Unit 3

6-78573-U3 Student Txtbk.

Price: \$35

8-78476-U3 Assessment Forms (print & braille)

Price: \$77

8-78473-U3 Lesson Sheets (print & braille)

Price: \$22

6-78574-U3 Worksheets Pk.

Price: \$35

Unit 4

6-78573-U4 Student Txtbk.

Price: \$35

8-78476-U4 Assessment Forms (print & braille)

Price: \$77

8-78473-U4 Lesson Sheets (print & braille)

Price: \$22

6-78574-U4 Worksheets Pk.

Price: \$35

Unit 5

6-78573-U5 Student Txtbk.

Price: \$35

8-78476-U5 Assessment Forms (print & braille)

Price: \$77

8-78473-U5 Lesson Sheets (print & braille)

Price: \$22

6-78574-U5 Worksheets Pk.

Price: \$35

Unit 6

6-78573-U6 Student Txtbk.

Price: \$35

8-78476-U6 Assessment Forms (print & braille)

Price: \$77

8-78473-U6 Lesson Sheets (print & braille)

Price: \$22

6-78574-U6 Worksheets Pk.

Price: \$35

Unit 7

6-78573-U7 Student's Txtbks. (Fish Face, Skin, and Bones)

Price: \$65

8-78476-U7 Assessment Forms (print & braille)

Price: \$49

6-78574-U7 The Binder (includes Worksheets)

Price: \$65

Reference Volume

8-78471-RV Print

Price: \$44

6-78471-RV Braille

Price: \$44

OPTIONAL ITEMS

Teacher's Posttest Manual:

8-78572-00 Print

Price: \$25

6-78572-00 Braille

Price: \$25

8-78575-00 Posttest

Consumables Pack

Price: \$35

1-08861-00 TEACHING TOUCH

Helps parents or teachers encourage young children (4–7 yrs.) who are blind to become active explorers and readers of tactile graphics. The included booklet introduces various tactile graphics skills.

Price: \$69

OPTIONAL ITEM

Manual

5-08861-00 Braille

Price: \$29

Large Print

Free Download only



BRAILLEWRITING DOT BY DOT

Most programs teach braille reading; this kit focuses on beginning writing skills with braillewriters and slate & stylus. Braillewriting Dot by Dot kits are available in braille and print.

Note: It is recommended that a Swing Cell Compact, 6-78041-00, be used with this kit.

5-17400-00 **BRAILLE TEACHER'S MANUAL**

Price: \$63.50

7-17400-00 **PRINT TEACHER'S MANUAL**

Price: \$54

REPLACEMENT ITEMS

7-17401-00 Teacher's Manual:

Print: \$22

1-08830-00 Peg Slate

Price: \$16

5-17402-00 Alphabet Etc.

Price: \$3

7-17401-CD Exercise CD

Price: \$6

1-08820-00 Big Cell

Price: \$6



1-04100-00 BRAILLE TRANSCRIBER'S KIT: MATH

Make braille transcription of elementary math books quicker with this collection of raised-line graphics. Master sheets contain five each of: rulers, number lines, protractors, unlabeled thermometers, and clock faces, as well as three sizes of low-relief graph paper. Master sheets can be thermoformed to provide multiple copies of figures.

Price: \$24

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COMMUNICATION MODES AND LITERACY EDUCATION

1-04101-00 BRAILLE TRANSCRIBER'S KIT: U.S. MAPS

A collection of embossed and printed drawings found in history, geography, and social studies textbooks. The embossed sheets may be used as templates for thermoforming. Add to them with spur wheel lines, craft ink, glued-on textures, braille labels, and other tactile graphics materials. Printed maps may be used as outlines for tracing or as masters for “swell paper” tactile graphics.

Price: \$25



1-04102-00 BRAILLE TRANSCRIBER'S KIT: COUNTRIES AND CONTINENTS

The Braille Transcriber's Kit: Countries and Continents is a collection of embossed and printed outlines of maps commonly found in history, geography, and social studies textbooks.

The embossed sheets may be used as templates when you create tactile maps. Photocopy the images onto your capsule paper, add labels, lines, and symbols, and produce the raised image by running the graphic through the heating machine.

Price: \$35



1-03331-00 TACTILE MARKING MAT

A textured plastic sheet (17 x 13 1/2 inch) for use with included embossed-line Longhand Writing Paper or other thin paper. Mat's texture causes wax crayon marks to be tactile. Use for drawing, handwriting practice, and creating simple diagrams. Includes 100 sheets of paper. Recommended ages: 3 years and up.

Price: \$23.50



1-00350-00 STUDENT STARTER PACK

Basic braille materials packaged for students who are taking beginning braille classes. Includes 150 sheets of 8 1/2 x 11 inch manila transcribing paper, 150 sheets of 11 1/2 x 11 inch manila transcribing paper, a 4-line 28-cell aluminum slate with Saddle Stylus, and a Cranmer abacus.

Price: \$81



1-04560-00 EMBOSSED PENCIL WRITING PAPER

Provides heavy raised lines to guide students or adults in handwriting. 22 lines per each sheet. Measures 8 3/4 x 10 1/2 inches and is in pads of approx. 165 sheets.

Price: \$12

BEGINNER'S WRITING PAPER

This special paper helps students practice manuscript and cursive writing. Top of sheet is printed with a sample alphabet, followed by bold lines for practice. Measures 11 x 8 1/2 inches. Plain (no alphabet) is also available. Recommended ages: 5 years and up.

WITH ALPHABET, PADDED, 100 SHEETS

1-04910-00 Upper Case Manuscript

Price: \$8

1-04920-00 Lower Case Manuscript

Price: \$7

PLAIN, PADDED, 500 SHEETS

1-04731-00 8 1/2 inches wide

Price: \$19

1-04741-00 11 inches wide

Price: \$17



1-00820-00 APH SMART BRAILLER BY PERKINS

This mechanical brailler has a built-in screen and speaker that provides immediate feedback to a child or adult who is learning braille via text-to-speech and a screen that displays SimBraille and large print of what is brailled in uncontracted or contracted braille. This audio and visual feedback also provides access to someone who does not know braille, including parents, peers, and general education teachers. Accommodates 8 1/2 x 11 inch paper and embosses up to 25 lines of 28 cells. Recommended ages: 3 years and up.

Price: \$1,995 + shipping

The APH SMART Brailler by Perkins IS available with Quota funds.

REPLACEMENT ITEMS

1-00821-00 Power Adapter

Price: \$19

1-00822-00 Rechargeable Lithium-ion

Battery

Price: \$20



1-00815-00 APH LIGHT-TOUCH PERKINS BRAILLER

This manual brailler keeps all of the great features of the classic Perkins Brailler with extra features. Recommended ages: 3 years and up.

Price: \$730

APH Light-Touch Perkins Brailler IS available with Quota funds.

SMART AND LIGHT-TOUCH BRAILLERS:



WARNING: Young children should be supervised during exploration and pre-braille activities.

COMMUNICATION MODES AND LITERACY EDUCATION

BRAILLE SLATES, STYLUSES, AND ERASERS

All slates include a stylus. Recommended ages: 6 years and up.

Stylus Key for Slates: L = Large Handle, S = Saddle, F = Flat

BRAILLE SLATES

1-00050-00 JANUS INTERLINE

9 Cell, 11 Lines, Plastic (S), 5 1/2 x 3 1/2 inches

Price: \$5

1-00081-01 INTERPOINT PINS UP

28 Cell, Lightweight Metal (L) Slotted for Labeling Tape, 8 1/4 x 1 3/4 inches

Price: \$74

1-00080-00 POCKET SLATE PINS UP

28 Cell, Black Plastic (L), 8 1/4 x 1 3/4 inches

Price: \$11

1-00078-00 POCKET SLATE PINS UP

28 Cell, 4 Lines, Clear Plastic (L), 8 1/4 x 1 3/4 inches

Price: \$8

1-00160-00 POCKET SLATE PINS UP

28 Cell, Heavyweight Metal (L) Slotted for Labeling Tape, 8 1/4 x 1 3/4 inches

Price: \$69

BRAILLE STYLUSES (ALL HAVE A METAL POINT)

1-00200-00 LARGE HANDLE

Wooden, Side of Handle (F), 2 3/8 x 7/8 inches

Price: \$2.50

1-00121-00 LARGE YELLOW (F)

Fits in notebook

Price: \$2.50

1-00220-00 SMALL HANDLE

Wooden, 1 7/8 x 3/4 inches

Price: \$2.50

1-00122-00 SMALL GREEN (F)

Fits in notebook

Price: \$2.50

1-00120-00 SADDLE-SHAPED

Plastic, Concave Dip in Handle, 2 5/8 x 1 1/4 inches

Price: \$2.50

BRAILLE ERASERS

1-00270-00 WOODEN

2 1/2 inches long

Price: \$3

1-00280-00 PLASTIC

One Broad, One Narrow End, 5 inches long

Price: \$3



1-00082-00 SLATEHOLDER

Rugged vinyl carrying case will hold any APH slate. Second pocket holds two styluses or wooden erasers. Flap seals with hook/loop material. Belt loop and holes that fit a 3-ring binder. Measures approx. 3 1/2 x 9 inches. Slates and styluses sold separately.

Price: \$11

1-00100-00 TACTILE GRAPHIC LINE SLATE

This specially designed two-ended stylus accommodates the tooling of common tactile line types for the creation of tactile graphic displays by transcribers, teachers, and students. Use this lightweight slate to embellish tactile maps, graphs, charts, number lines, etc. The accompanying Instruction Booklet provides tips and techniques for using with various types of drawing media. Recommended ages: 10 years and up.

Price: \$46



1-04230-00 MAILING ENVELOPES FOR BRAILLE

Designed for mailing or storing brailled sheets up to 11 1/2 x 11 inches. White, blank envelopes with self-sealing flaps. Measure 12 1/2 x 12 1/2 inches. Will hold approximately 30 sheets. 25-pk.

Price: \$6



COVERS FOR BRAILLE DOCUMENTS

Plastic covers measure 11 3/4 x 11 inches and are designed to bind 11 1/2 x 11 inch braille pages. May be bound with a 19-ring comb binding or twin loop binding. Will bind tractor-feed or manila 19-hole papers available from APH.

1-04010-01 ROYAL BLUE COVERS

Price: \$3

1-04010-02 CLEAR FROSTED COVERS

Price: \$3



BRAILLE NOTEBOOKS, 3-RING

Made of heavy-duty board covered with vinyl. Two popular sizes: Azure Blue holds 8 1/2 x 11 inch braille paper and White holds 11 1/2 x 11 inch braille paper. Each holds approx. 100 sheets.

1-04320-00 AZURE BLUE NOTEBOOK

Price: \$13

1-04380-00 WHITE NOTEBOOK

Price: \$9

Azure Blue Notebook is Not available with Quota funds.



DIVIDERS FOR BRAILLE NOTEBOOKS, 3-HOLE PUNCH

Dividers will fit the Azure Blue or the White 3-Ring Braille Notebooks. Heavy manila stock with an extra 1/2 inch edge that can be brailled with the subject of the division. 15 dividers per pack.

1-04225-00 9 X 11 INCHES

Price: \$3.50

1-04226-00 12 X 11 INCHES

Price: \$3.50

COMMUNICATION MODES AND LITERACY EDUCATION

BRAILLE PAPER

APH offers a wide array of braille paper for use with slates, braillewriters, computer braille embossers, and vacuum-form machines. All sheet quantities are approximate; all sizes in inches.

WHITE BRAILLE PAPER

This 80# paper is for use with braille slates and braillers.

3 3/4 X 5 3/4 Fits in Pocket Notebook

11 1/2 X 11

1-04390-00 6-Hole Punch, 250 sheets

1-04221-00 Unpunched, 150 sheets

Price: \$5

Price: \$6

8 1/2 X 11

1-04151-00 Unpunched, 200 sheets

1-04471-00 3-Hole Punch, 110 sheets

Price: \$6

Price: \$5

1-04401-00 3-Hole Punch, 150 sheets

Price: \$5

WHITE FANFOLD TRACTOR-FEED BRAILLE TRANSCRIBING PAPER

This low dust paper is designed to be used with computer-driven braille embossing devices. It has a smooth surface. Tractor-feed holes may be torn off. 90# paper.

8 1/2 X 11

11 1/2 X 11

1-04137-01 Unpunched, 500 sheets

1-04139-01 Unpunched, 1000 sheets

Price: \$24.50

Price: \$50

1-04138-01 3- and 19-Hole Punch, 500 sheets

1-04140-01 3- and 19-Hole Punch, 1000 sheets

Price: \$26

Price: \$50

MANILA BRAILLE TRANSCRIBING PAPER

Heavyweight 100# paper, for use with slates and braillewriters, holds dots well and can be used to create braille masters for vacuum-form machines.

8 1/2 X 11

11 1/2 X 11

1-04530-00 Unpunched, 500 sheets

1-04540-00 Unpunched, 500 sheets

Price: \$20

Price: \$22

1-04660-00 3-Hole Punch, 500 sheets

1-04680-00 3-Hole Punch, 500 sheets

Price: \$20

Price: \$24

1-08884-00 PERMABRAILLE SHEETS

This waterproof and tear-resistant paper provides a durable alternative to standard braille paper. 50 sheets, 8 1/2 x 11.

Price: \$17

continued...

BOLD PRINT PAPER

Makes it easier for users with low vision to complete written tasks. All sheet quantities below are approximate; all sizes are in inches.

1-04825-00 BOLDLINE SPIRAL NOTEBOOK

Looks like the type all students carry, but with bold line paper. 100 sheets of 8 1/2 x 11 inch paper, with 9/16 inch line space. Blue marble cover.

Price: \$6

1-04826-00 COLLEGIATE BOLDLINE SPIRAL NOTEBOOK

This notebook has more closely spaced bold lines than the Boldline Spiral Notebook. 75 sheets of 8 1/2 x 11 inch paper, with 7/16 inch line space. Black marble cover.

Price: \$6

BOLD LINE NOTEBOOK PAPER

Has black lines printed on white paper with a left-hand margin. Two styles: in a pad with no punching or in loose sheets punched for a 3-ring binder.

PADDED, UNPUNCHED, 8 1/2 X 11

1-04791-00 7/16 inch line spacing, 500 sheets

Price: \$17

1-04801-00 9/16 inch line spacing, 500 sheets

Price: \$17

LOOSE SHEETS, 3-HOLE PUNCH, 8 1/2 X 11

1-04851-00 7/16 inch line spacing, 500 sheets

Price: \$17

1-04861-00 9/16 inch line spacing, 500 sheets

Price: \$17

GREEN-LINED WRITING PAPER FOR PRIMARY STUDENTS

Off-white paper printed with bold green lines. 300 sheets per package.

8 1/2 X 11

1-04831-00 3/4 inch lines, Unpunched

Price: \$15

1-04869-00 3/4 inch lines, 3-Hole Punch

Price: \$17

1-04872-00 7/16 inch lines, 3-Hole Punch

Price: \$16

11 X 8 1/2

1-04841-00 3/4 inch lines, Unpunched

Price: \$17

1-04881-00 3/4 inch lines, 3-Hole Punch

Price: \$22

BOLD LINE LETTER-WRITING PAPER

This paper has bold, black lines printed on white paper without margin. 500 unpunched sheets per pad. 8 1/2 x 11 inch paper.

1-04811-00 7/16 INCH LINE SPACING

Price: \$17

1-04821-00 9/16 INCH LINE SPACING

Price: \$17

continued...

COMMUNICATION MODES AND LITERACY EDUCATION

ANTIQUE IVORY OPAQUE PAPER

Ivory colored, unlined paper for good contrast – great for photocopying large print documents. 500 sheets per package.

1-04500-01 8 1/2 X 11

Price: \$16

1-04500-05 11 X 14

Price: \$23

1-04500-00 11 X 17

Price: \$25



LOW-RELIEF EMBOSSED GRAPH SHEETS

Great for teachers and transcribers to use in making charts and graphs. Grid is embossed on 11 1/2 x 11 inch, 80# braille paper with margins. Available in five varieties; 25 sheets per package.

1-04046-00 19 X 19 GRID

0.4 inch squares

Price: \$5.45

1-04048-00 13 X 12 GRID

5/8 inch squares

Price: \$5.45

1-04045-00 20 X 20 GRID

1/2 inch squares, X-Y axis

Price: \$8

1-04047-00 17 X 16 GRID

1/2 inch squares

Price: \$5.45

1-04049-00 11 X 10 GRID

3/4 inch squares

Price: \$5.45



1-04080-00 BOLD-LINE TACTILE GRAPH SHEETS

These graph sheets combine tactile and print, which expand APH's graph sheet collection previously available only in embossed paper or print-only packages. Label and embellish the graph sheets using a variety of methods (e.g. braillewriter, line-embossing tools, tactile stickers, graphic art tape, etc.).

Price: \$44

GRAPH SHEETS

Bold-line graph sheets have thick unit lines and thinner sub-unit lines. 100 sheets per package.

Embossed graph sheets have braille dot grids on manila paper, 50 sheets per package.

8 1/2 X 11

31 x 40 grid, 1/4 inch squares
1-04062-00 Bold Line
Price: \$30
15 x 20 grid, 1/2 inch squares
Coordinate Axes
1-04061-00 Bold Line
Price: \$30
1-04052-00 Embossed
Price: \$10
15 x 20 grid, 1/2 inch squares
For Bar Graphs
1-04063-00 Bold Line
Price: \$30

1-04053-00 Embossed

Price: \$10
10 x 13 grid, 3/4 inch squares
1-04064-00 Bold Line
Price: \$30
1-04054-00 Embossed
Price: \$10
7 x 10 grid, 1 inch squares
1-04065-00 Bold Line
Price: \$30
1-04055-00 Embossed
Price: \$10

11 1/2 X 11

18 x 21 grid, 1/2 inch squares
1-inch margin on 3 sides
1-04059-00 Embossed
Price: \$10
13 x 13 grid, 3/4 inch squares
1-04057-00 Embossed
Price: \$10
10 x 10 grid, 1 inch squares
1-04069-00 Bold Line
Price: \$30
1-04058-00 Embossed
Price: \$10



1-04295-00 FLOPPY BRAILLE BINDERS

Durable plastic 3-ring binder designed to hold 11 1/2 x 11 inch braille sheets. Flexes to fit easily into a backpack. Includes 3 binders, 1 each: green, blue, yellow with an inside pocket.

Price: \$16



1-04294-00 BRAILLE POCKET FOLDERS

Will hold 11 1/2 x 11 inch braille sheets. Has slant-cut pockets. Punched for 3-ring binder. Made of durable, flexible plastic. Includes three folders, 1 each: green, blue, and yellow.

Price: \$15



1-04297-00 PLASTIC BINDER ENVELOPES FOR BRAILLE

These envelopes have a side tab that is 3-hole punched for use in a 3-ring binder and a flap that opens from the top and is held closed using three hook & loop coins. Accommodates up to 20+ sheets of braille, 1 each: green, blue, and yellow.

Price: \$29

COMMUNICATION MODES AND LITERACY EDUCATION

1-04296-01 SUPER-SIZED FOLDERS

These folders are made of a semi-rigid polyblend plastic. They measure 12 x 11 1/4 inches with a depth of 3/4 inches, allowing full 11 1/2 x 11 inch braille sheets to fit. Part of the braille page remains uncovered so that the contents of each folder can be quickly scanned, 1 each: green, blue, and yellow.

Price: \$15



1-04280-00 POCKET-SIZE NOTEBOOK, 6-RING

Bound in imitation leather. Will hold approximately 50 sheets of 3 3/4 x 5 3/4 inch braille or bold line paper (not included). Has a pocket designed to hold a slate and a cloth page marking strip. Stylus can be tied to the cloth strip. Tabs make this notebook an organizer (sold separately).

Price: \$16

OPTIONAL ITEMS

1-04390-00 Braille Paper for
Pocket Notebook, approx.
250 sheets
Price: \$5

1-04392-00 Bold Line
Paper for Pocket Notebook,
approx. 250 sheets
Price: \$10

1-04389-00 Pocket
Notebook Tabs
Price: \$9



1-04260-00 KREBS' BINDER, 19-RING

Made of heavy-duty board covered with imitation leather. Holds 11 1/2 x 11 inch 19-hole punched braille paper, 105 sheet capacity. Binder ring assembly consists of a metal back plate, metal rings, and a locking pin.

Price: \$42



1-04301-00 SPIRAL POCKET NOTEBOOK

Each notebook contains 50 pages of 80 pound white braille paper. Spiral binding makes it easy to handle. Measures 3 x 5 1/2 inches. Sheets are perforated and measure 3 x 5 inches when removed. Works easily with APH's Janus Slate. Six notebooks per package.

Price: \$26

1-08836-00 ALL-IN-ONE BOARD (MAGNETIC/VELCRO/DRY ERASE)

This multi-platform, easily-adjustable board from APH can be used in combination with either hook-Velcro® accessories or magnetic pieces (homemade, obtained from APH, or purchased commercially), as well as with dry erase markers to facilitate a variety of learning activities. Board can be positioned at a variety of angles. For classroom use with students of all ages. Surface of board is 23 9/16 x 14 inches.

Price: \$158



1-08833-00 ALL-IN-ONE BOARD: STUDENT MODEL

Sometimes called the smAll-In-One Board, this handy, smaller multi-platform, adjustable board can be used in the same way as the All-in-One Board. The smaller size accommodates portability and desktop use by an individual student with visual impairment and blindness. Surface of board measures 13 1/2 x 10 3/4 inches.

Price: \$137

VISUAL EFFICIENCY AND LOW VISION



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VISUAL EFFICIENCY AND LOW VISION

PRODUCTS

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1-08943-00 EXPLORER BRIGHT RAY



NEW

Price: \$79

REPLACEMENT ITEM

LEDs, Large Print: 7-08943-00

Price: \$19

This head-worn LED lamp helps adults and students with many activities. Features 3 light intensity settings, adjustable angle and head straps, very low energy usage, unbreakable lens, and water resistant.

The included book, *LEDs* will tell the reader in simple terms everything a user should know about Light Emitting Diodes (LEDs). From basic facts about light and how it affects human beings, to what LEDs are and what they're made of, the book makes understanding the LED and its place in the home, workplace, or classroom easy.

OPTIONAL ITEM

LEDs, Braille: 5-08943-00

Price: \$19



1-08160-00 INCREASING COMPLEXITY PEGBOARD



NEW

Price: \$169

The Increasing Complexity Pegboard was created for children with visual impairments, including those diagnosed with Cerebral/Cortical Visual Impairment (CVI). Paired with diagnostic teaching strategies, the pegboard set helps to determine and support the child's color, lighting, movement, and complexity needs.

Note: The APH Tactile Graphic Image Library (TGIL) has access to 3-D printing files, allowing additional pegs to be printed on your own 3-D printer, according to its ability. Just sign in or register for a free account at: www.aph.org/tgil/

REPLACEMENT ITEM

61-157-255 Overlay Stickers Set

Price: \$36.10

1-03300-00 INDIVIDUAL STUDY SCREEN (ISS)

Allows low vision students to view films and slides close up. A rear-projection technique is used to enable one student to get as close to the screen as he/she requires. Constructed of tough plastic, screen measures 13 x 10.5 inches. Image is projected on a frosted plastic insert. Recommended ages: 6 years and up.

Price: \$22



1-08390-02 VARIABLE BEAM FLASHLIGHT KIT

Designed to help students develop visual awareness and tracking skills. The included *Color Beam Book* contains instructions and suggested activities.

Includes two variable beam flashlights, two sets of five translucent and four transparent color lenses, *Color Beam Book* (Large Print with CD), and AAA batteries.

Price: \$66



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT ITEM

7-08390-00 *Color Beam Book*, Large Print

Price: \$12

OPTIONAL ITEM

5-08390-00 *Color Beam Book*, Braille

Price: \$25



1-30044-DVD TEACH ME TO SEE

This DVD gives practitioners guidance on developing and carrying out activities that are functional and have meaning to each child. Listen to experienced teachers talk about orientation & mobility skills, immersive learning, visual development, and choice-making for their young students.

Price: \$10



1-30011-DVD TEEN SCENE: PORTRAITS OF SUCCESS VIDEO

Starring four Kentucky teenagers with low vision, this 39-minute video will make you laugh, warm your heart, and make you feel as though you know these teens! It's all about being successful, self-advocating, dating, playing sports, or achieving in school or on the job. Our four stars will show you how it's done. Closed captioned.

Price: \$25

VISUAL EFFICIENCY AND LOW VISION

PARTS ENVISION

The ENVISION training program uses stories and activities about Emmy the Emu and other high-interest characters to teach students to use optical devices. It covers skills such as tracing, tracking, and scanning, and includes enrichment activities and objectives for each lesson, as well as reports to the clinician.

There are two separate ENVISION programs, with each further divided into materials for younger and older students.

1-08551-00 ENVISION I WITH TELESCOPE

ARRAY for Distance Devices – simulates standard street signs, addresses, international symbols, and familiar objects.

Price: \$919

OPTIONAL ITEMS

Braille Teacher's Instruction Manuals

5-08551-01 ENVISION I, 10 and younger

Price: \$40

5-08551-02 ENVISION I, 11 and older

Price: \$33

REPLACEMENT ITEMS

Print Teachers' Instruction Manuals

7-08551-01 ENVISION I,
10 and younger

Price: \$44

7-08551-02 ENVISION I,
11 and older

Price: \$38

7-08552-01 ENVISION II,
10 and younger

Price: \$49

7-08552-02 ENVISION II,
11 and older

Price: \$49

1-08551-01 Consumable
Materials Packet

(ENVISION I & II)

Price: \$65

7-08552-05 ENVISION II
Comic Book (set of five)

Price: \$18

1-08552-00 ENVISION II WITH MAGNIFIER

ARRAY for Near Magnification Devices – simulates graphics and print used in textbooks and literature.

Price: \$735

5-08552-01 ENVISION II, 10 and younger

Price: \$45

5-08552-02 ENVISION II, 11 and older

Price: \$40

ENVISION II Student

Activity Binder

7-08552-03 (10 and younger)

Price: \$59

7-08552-04 (11 and older)

Price: \$59

1-03914-00 VIDEO MAG HD HANDHELD VIDEO MAGNIFIER

American Printing House for the Blind and Freedom Scientific partnered to develop the Video Mag HD, a durable, kid-friendly handheld high definition video magnifier.

Video Mag HD combines a high-definition camera with a rugged, lightweight body to bring you crystal-clear images in a small package. It can magnify whatever appears under its auto-focus HD camera from 2x to 13x. Video Mag HD provides sharp images on its full-color, 4.3-inch LCD screen. It supports five default color modes and 15 additional contrasting color modes.

The Video Mag HD is distributed only through APH in the U.S. and Canada and is *Available with Federal Quota funds!*

Price: \$499 + shipping



1-08157-00 MATCH STICKS

This game is designed to provide children in Phases II and III of the CVI Range Assessment* with a matching activity that is fun and entertaining and that helps develop vision skills. Recommended ages: 5 years and up.

Price: \$104



BRIGHT LINE READING GUIDE

Place guide over text to highlight, eliminate glare, and promote maximum contrast. Provides a black reference line that helps the reader keep his or her place on the page. Bright Line Reading Guide is 10 inches long, but can be cut to any size and three-hole punched for placement in a binder. Each pink or yellow guide comes in a vinyl protective pouch.

*Roman-Lantzy, C. (©2007). Cortical Visual Impairment: An Approach to Assessment and Intervention. American Foundation for the Blind Press.

1-03060-00 YELLOW (2-PK.)

Price: \$11

1-03061-00 PINK (2-PK.)

Price: \$11



PARTS 1-03650-00 SEATED PARQUETRY SET

Stimulates use of residual vision and helps to develop visual efficiency. Students master visual discrimination, eye-hand coordination, part/whole concepts, matching skills, and visual memory skills. Uses recessed form boards that can be raised to the eye while holding the parquetry pieces in place. Recommended ages: 3 years and up.

Price: \$213

VISUAL EFFICIENCY AND LOW VISION

ULTRALENS

Black lights, which generate both UV and blue light, are sometimes used in vision development activities. UltraLens glasses screen out 100% of UV and blue light while still allowing the wearer to see the “glow” of materials as they fluoresce. A soft case is included with each UltraLens.

Note: Filters like the UltraLens should always be worn by both the practitioner and the child during exposure.

1-08177-00 INFANT WITH HEADSTRAP

Price: \$26

1-08176-00 JR. WITH HEADSTRAP

Price: \$26

1-08178-00 JR. CLIP-ON

(for child who wears glasses)

Price: \$23

1-08175-00 ADULT

(worn alone or over glasses)

Price: \$11



1-08541-00 INVISIBOARD

Block out distractions for students with CVI. This portable, lightweight 48 x 30 inch tri-fold board eliminates visual clutter with a solid white, slick material on one side and a solid black, Velcro®-compatible material on the other. Includes carrying case and print/braille manual. Optional Tic-Tac-Toe Accessory Kit consists of five each of red and yellow “X” and “O” Velcro®-backed pieces, along with red and yellow Tic-Tac-Toe grids. Can be used with or without the Invisiboard.

Price: \$152

OPTIONAL ITEM

1-08542-00 Tic-Tac-Toe Accessory Kit

Price: \$18



1-08859-00 TRI-FOLD BOARD

This board measures 37 x 24 inches and is covered with Velcro®-compatible material that can be used in combination with many existing APH hook Velcro-backed pieces (e.g., Picture Maker Accessories), as well as with commercially available OR teacher/parent-made manipulatives. Two 3/4-inch nickel plated D-rings are riveted in the top for easy hanging.

The Tri-fold Board offers an intermediate size between APH's Velcro-compatible Picture Maker 13 x 20 3/4 inch felt board and the larger 48 x 30 inch Invisiboard.

Price: \$66

1-08692-00 SPINNER OVERLAYS FOR THE LIGHT BOX

Learners diagnosed with CVI are challenged in understanding objects and concepts through use of their vision. The Spinner Overlays for the Light Box are unique in that the parent or teacher may design individualized overlays for each learner. Learners who demonstrate many CVI characteristics generally need a simpler design than learners who demonstrate few atypical visual behaviors.

As the learner increases his understanding of two dimensional materials, use the Supplemental Cards to encourage visual discrimination between same and different, to visually recognize a named object, or to encourage a visually guided reach to a target presented on a complex background. Accessible HTML and BRF versions of the guidebook are available at www.aph.org/manuals/

Price: \$311

REPLACEMENT ITEM

61-157-255 Overlay Stickers Set

Price: \$46.75

 **WARNING:** Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision. Seizure Hazard—Use of this product can simulate flashing lights. Adults supervising learners prone to seizures brought on by flashing lights are advised to use this product with caution.



LIGHT BOXES

When they are used with unique sets of materials, APH's Light Box and Mini-Lite Box help develop awareness of light, color, and objects and assist in the instruction of tracking, scanning, eye-hand coordination, visual discrimination, and visual perceptual skills.

1-08669-00 LIGHT BOX

The Light Box has a lighted translucent white work surface, providing a high contrast background for opaque materials and a source of illumination for colored transparent and translucent items. Includes dimming control to meet the needs of individual students. Can be used flat or tilted at three angles. Adapter accepts power from 110VAC to 220VAC. Customer must supply a physical converter that changes a U.S.-style wall plug to a plug compatible with their electrical system.

Recommended ages: all.

Price: \$460

REPLACEMENT ITEM

45-052-084 Power Supply

Price: \$55.75

VISUAL EFFICIENCY AND LOW VISION

1-08661-00 MINI-LITE BOX

APH's Mini-Lite Box is smaller, lighter, and more affordable than its full-size cousin, the Light Box. The Mini-Lite box is usable at a student's desk or on his/her lap. Individual items from Light Box Materials Levels I, II, and III can be used with the Mini-Lite Box. An optional Mini-Lite Box Carrying Case is available. It is made of a tough canvas-like nylon and has roomy pockets to hold overlays and other materials. Also available separately are Mini-Lite Box Transparent Overlays which may be used to promote light awareness; improve contrast and visibility; and introduce color matching.

Price: \$135

OPTIONAL ITEMS

1-08668-00 Carrying Case

Price: \$20

1-08662-00 Transparent Overlays

Price: \$28

REPLACEMENT ITEM

1-08661-05 AC Adapter/Recharger

Price: \$8.50



LIGHT BOX MATERIALS AND ACTIVITY GUIDES

The Light Box Materials include Activity Guides. These guides have sections on Cortical Visual Impairment (CVI), references to products, and increased accessibility. Guides are available in English and Spanish. Activity Guides for all three levels may include a number of Activity Sheets. These are no longer provided as printed pages, but can be printed out from the CD.

Note: Most Light Box Materials in all levels can be used with the Mini-Lite Box.

PARTS 1-08670-00 LIGHT BOX MATERIALS: LEVEL I

Materials help teach basic visual skills, eye-hand coordination, and simple matching skills. Recommended ages: birth to 4 years.

Price: \$438

ACTIVITY GUIDE FOR LEVEL I ONLY

OPTIONAL ITEM

7-08670-SP Large Print/CD, Spanish

Price: \$28

REPLACEMENT ITEM

7-08670-00 Large Print/CD, English

Price: \$30

continued...

PARTS 1-08680-00 **LIGHT BOX MATERIALS: LEVEL II**

Helps teach matching and identification skills, part-whole relationships, sequencing, pattern duplication, spatial relationships, and visual memory skills. Recommended ages: 3 to 5 years.

Price: \$854

ACTIVITY GUIDE FOR LEVEL II ONLY

OPTIONAL ITEM

7-08680-SP Large Print/CD, Spanish

Price: \$45

REPLACEMENT ITEM

7-08680-00 Large Print/CD, English

Price: \$45

PARTS 1-08690-00 **LIGHT BOX MATERIALS: LEVEL III**

Help students develop: prewriting & handwriting, matching & sorting, recognition & identification, spatial relationships, visual memory, sequencing, figure-ground discrimination, visual closure, and part-whole relationships. Recommended ages: 4 to 6 years.

Price: \$979

ACTIVITY GUIDE FOR LEVEL III ONLY

OPTIONAL ITEM

7-08690-SP Large Print/CD, Spanish

Price: \$59

REPLACEMENT ITEM

7-08690-00 Large Print/CD, English

Price: \$59



1-08664-00 PLEXIGLAS® SPINNER AND SPINNER PATTERNS

Spinner, made of clear plastic, is used with overlays to create highly contrasting, moving patterns to stimulate visual awareness and encourage attention and visually directed reaching. Suction cup feet hold the spinner base in place.

Price: \$88



1-08663-00 PLEXIGLAS BLOCKS

Colored transparent and translucent geometric shapes in two sizes to create displays for attracting visual attention; encouraging visually directed reaching; matching by shape, size, and color; and for introducing spatial relationships. Thirty pieces in six colors and three shapes: circle, triangle, and square.

Price: \$43

VISUAL EFFICIENCY AND LOW VISION

1-08665-00 PEGS AND PEGBOARD

Fosters eye-hand coordination, awareness of spatial relationships, and matching and sequencing skills. Includes 64 colored translucent pegs in three shapes and five colors for use in or out of the included 6 x 6 grid pegboard.

Price: \$179



1-08666-00 FAMILIAR OBJECT PICTURES

Colored transparent pictures of 15 household objects are provided in pairs (30 cards total) for matching and identification. Pictures are silk-screened on clear 6 x 6 inch plastic stock.

Price: \$82



1-08667-00 COLORED SHAPE CARDS

Colored transparent and translucent pictures of geometric shapes for identification and matching by shape, color, and size. Thirty cards provided: two each of nine shapes, some in three sizes. Shapes are silk-screened on clear 4 x 4 inch plastic stock.

Price: \$47



1-08691-00 DIGITAL LIGHT BOX ARTWORK

Use Digital Light Box Artwork (DLBA) with your software to provide extension activities for the Light Box and/or provide familiar images for children who transition from Light Box to computer activities.

APH has digitized the individual art pieces from the APH Light Box Materials for use on your computer! The large print instruction guide teaches how to create activities. The artwork can be used with many commercially available authoring programs. Artwork files are in .png format. Includes a large print guidebook with CD-ROM.

Price: \$40

SWIRLY MAT SETS

Durable, non-toxic Swirly Mats come in two sets: Cortical Visual Impairment (CVI) and Functional Vision Assessment (FVA). The mats in the CVI set are less complex. The mats in the FVA set are more complex. Both mats can be used for locating, tracking, color discrimination, etc. Try them with APH's Mini-Lite Box (sold separately) for a different effect. Each set includes white background mat, print and braille instructions, and a plastic carrying case.

1-08153-00 SWIRLY MATS, CVI

Price: \$61

1-08154-00 SWIRLY MATS, FVA

Price: \$55



SWIRLY MATS II CVI AND FVA

Swirly Mats II CVI™ have added elements for more complexity; Swirly Mats II FVA™ have added elements and different color choices. Try them on one of the durable tabletop mats included in the kits.

1-08158-00 SWIRLY MATS II, CVI

Price: \$79

1-08159-00 SWIRLY MATS II, FVA

Price: \$86

ALL SWIRLY MATS KITS:



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



1-08156-00 CVI COMPLEXITY SEQUENCES KIT

Includes cards that present sequences of images designed to refine the ability to identify a target in the presence of increasing amounts of background information. These cards may be used individually or as a sequence and should be presented against a black or plain, light-absorbing background.

Recommended ages: Preschool and up.

Price: \$55

REPLACEMENT ITEM

7-08156-00 CVI Complexity Sequences

Guidebook, Large Print

Price: \$10

VISUAL EFFICIENCY AND LOW VISION

D-03610-ED CVI COMPLEXITY EBOOK AND INTERACTIVE CARDS

CVI Complexity Sequences eBook and Interactive Cards has the same information and content as the CVI Complexity Sequences Kit. The eBook edition also includes an interactive feature: successfully touching the target image results in an audio response that acknowledges the action.

In addition to tablet devices, CVI Complexity Sequences eBook and Interactive Cards can be used on Macs and on PCs. At this time, the audio feature is not supported by all eReaders. To determine if an eReader supports the interactive feedback, ensure it supports EPUB 3.x format or newer. Recommended ages: Preschool and up.

Note: This publication cannot be ordered directly using the APH Shopping Site, please contact our customer service department on how to purchase. For more information about epub files, go to page 197.

CVI COMPLEXITY SEQUENCES EBOOK, USING QUOTA OR NON-QUOTA FUNDS

Price: \$9.95

CVI COMPLEXITY SEQUENCES EBOOK, NON-QUOTA Available from iTunes or iBooks Search for CVI Complexity Sequences

Price: \$9.95



1-08941-00 LIGHTING GUIDE KIT WITH BETTER VISION LAMP

The Better Vision Lamp and large print book, *What Teachers and Students With Visual Impairments Need to Know about Lighting*, together make up the Lighting Guide Kit. The braille edition of the book is available as an optional purchase or as a free download at: www.aph.org/manuals/index.html

Price: \$138

REPLACEMENT ITEMS

7-08941-00 Large Print Book only

Price: \$12

45-041-002 Better Vision Lamp Bulb

Price: \$18.20

OPTIONAL ITEM

5-08941-00 Braille Book, hard copy, made to order

Price: \$21

Note: The Better Vision Lamp was specially developed to provide the best light possible for students with visual impairments. This energy-saving lamp gives off light that doesn't cause photo stress in most people with retinal, corneal or lens disease/injury, or cortical visual impairment. Lamp uses a special 27 watt, 2700K, compact fluorescent tube which emits no blue or ultraviolet light. Lamp is not available separately.

APH SOFTWARE FOR WINDOWS SYSTEM REQUIREMENTS

Requirements to run: PC running Windows® 7, 8.1, or 10. Software requires a sound card, speakers, and CD-ROM drive.

ARMADILLO ARMY™ SOFTWARE

The game has bright, large graphics, as well as meaningful sound elements. Low-vision users practice lateral eye movements, vertical eye movements, searching skills, timing skills, visual discrimination skills, peripheral detection skills, eccentric viewing skills, and eye-hand coordination.

D-03400-00 CD-ROM

Price: \$49

D-03400-ED DIGITAL DOWNLOAD

Price: \$39



TERMITE TORPEDO™ SOFTWARE

An educational game that gives students with low-vision practice in the visual skills of locating, fixating, tracking, aligning, and following. Termites are eating their way through Woodville! Only you can save the city by clearing the playing field of 12 levels of termites!

D-03470-00 CD-ROM

Price: \$39

D-03470-ED DIGITAL DOWNLOAD

Price: \$39



TOODLE TILES: EMMY'S TOWN™ SOFTWARE

Toodle Tiles: Emmy's Town is based on the matching game of Mahjong, the object is to clear away matching tiles and pave the way for the new mayor of Emuville. Features bright, high-contrast colors and simple designs in five different tile sets.

D-00300-00 CD-ROM

Price: \$49

D-00300-ED DIGITAL DOWNLOAD

Price: \$39

How to Teach, Not What to Teach



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ORIENTATION AND MOBILITY (CONCEPT DEVELOPMENT)

PRODUCTS

• • •

8-75975-00 ECHOLOCATION AND FLASHSONAR

This large print guidebook, written by Daniel Kish and Jo Hook, provides instructional strategies for teaching use of echolocation as a method of gaining information about space and objects/environmental features in the world around them.

Although *Echolocation and FlashSonar* works well as an instructional manual for O&M specialists, it can also be used by adults who are blind and visually impaired who are working independently. An extensive list of references and resources is provided for the reader. Free brf file available at: www.aph.org/manuals/#alpha-e

Price: \$77



WARNING: FlashSonar skills should be used along with a human guide, dog guide, or cane.



8-75978-00 TEACHING STREET CROSSING TO STUDENTS WITH VISUAL IMPAIRMENTS

How to Teach, Not What to Teach provides information about teaching various components of street-crossing skills at appropriate ages/developmental levels; sequencing skills and environments; and using appropriate pedagogical strategies to enhance effectiveness of street-crossing instruction. Practical case examples and vignettes throughout the manual apply concepts to real-world scenarios.

Price: \$27



PARTS 1-03135-00 TACTILE TOWN: 3-D O&M KIT

Tactile Town provides an interactive, 3-D model to help teach spatial concepts and environmental layouts. This kit assists in the development of cognitive mapping skills by helping students organize their physical environment. Has a wide variety of components that can be easily customized or extended, Tactile Town is an ideal starter kit for instruction and reinforcement of mapping skills and concepts. Recommended ages: 5 years and up.

Price: \$479



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT ITEM

7-03135-00 Teacher's Guidebook, Large Print

Price: \$34

OPTIONAL ITEM

5-03135-00 Teacher's Guidebook, Braille

Price: \$51

NEARBY EXPLORER™ APP

This powerful location exploration app is for use online and on Android™ and iOS devices. It's a full featured GPS app that empowers users to independently explore with confidence!

Nearby Explorer uses GPS and your phone's compass to speak real-time information about your surroundings. Includes millions of points of interest (POI) in the U.S. and Canada. When used with a built-in compass, the app also provides feedback about features in your environment. Available in three versions. Individuals are welcome to purchase Nearby Explorer!

An additional feature is Indoor Explorer, which provides location and orientation inside buildings that have been mapped and equipped with beacons.

Note: This app cannot be purchased directly from APH, please refer to page 197 on how to order.



WARNING: Nearby Explorer should be used along with a human guide, dog guide, and/or cane because it does not provide sufficient information to act as a substitute for your preferred O&M method.

NEARBY EXPLORER, NON-QUOTA

for Android devices,
on the Google Play store

Price: \$79.99

for iOS devices, on the App Store:

Price: \$79.99

NEARBY EXPLORER, QUOTA

D-20000-AN for Android devices

Price: \$79.99

D-30022-APL for iOS devices

Price: \$79.99



NEARBY EXPLORER ONLINE

The online version of Nearby Explorer is available to download for free on the Google Play store. It contains no onboard map data, so there are no licensing fees to pay, therefore, it is free to you! While Nearby Explorer Online is potentially very useful as a tool everywhere, the online version does require a device with a network connection to use.

Note: Nearby Explorer Online is a “lite” version of the Purchased App. It does not give directions, offer a map view, offer compass mode, or explore nearby intersections.

For complete details about Nearby Explorer Online, visit: tech.aph.org/neo_info.htm

To install, visit: <https://play.google.com/store/apps/details?id=org.aph.nearbyonline>

Price: FREE

ORIENTATION AND MOBILITY (CONCEPT DEVELOPMENT)

MINIGUIDE US

Uses ultrasound to detect objects, and gives tactual or auditory feedback by vibrating or chirping more rapidly as you approach an object. Ideal for use by deafblind persons.

When used with a cane or dog guide, the Miniguide US can help find paths through crowds at ranges from 20 inches to 26 feet.

1-07006-00 WITH PRINT USER'S GUIDE

Price: \$545

1-07007-00 WITH BRAILLE USER'S GUIDE

Price: \$545



WARNING: The Miniguide US should be used along with a human guide, dog guide, and/or cane because it does not detect drop-offs and does not provide sufficient information to ensure safety.



1-20100-00 O&M TACTILE GRAPHICS

Helps teach orientation and mobility concepts: compass directions, clock locations, and navigating outside and inside.

Teacher's Guide gives basic ideas for lesson planning using the graphics, suggested concepts, and instructional hints. Recommended ages: 8 years and up.

Price: \$46



O&M FAMILY BOOKLET SOFTWARE

O&M Family Booklet software from APH is designed for O&M professionals. Let the software do the work for you – just type or select what you want the family to understand.

D-03480-00 CD-ROM

Price: \$50

D-03480-ED DIGITAL DOWNLOAD

Price: \$50



1-30010-DVD DENVER THE GUIDE DOG VIDEO

Produced by the Discovery Channel cable network for their Animal Planet® Pet series, this video is for anyone who'd like to know more about guide dogs or would just like to meet Denver.

Celebrate with Heathcliff as he's honored after twelve faithful years of service, and meet the new kid on the block – Denver. In this episode see how Denver got his start, "made the cut" at guide dog school, and was matched with Gary. Be amazed as you watch how hard the two of them have worked to become the team they are.

Price: \$15

8-75980-00 STEP-BY-STEP: AN INTERACTIVE GUIDE TO MOBILITY TECHNIQUES

Developed by Dr. Sandra Rosen, Step-by-Step guides the user in strategies to identify and correct mobility errors commonly made by new learners. Designed for in-depth study, each spiral bound volume describes in words and pictures how to perform mobility techniques for a given learning module; provides strategies for choosing teaching environments; lists prerequisite and related skills; and includes instructional strategies.

Price: \$299

 **WARNING:** Only O&M specialists should teach the 30 techniques included in Long Cane Techniques, Street Crossing Techniques, Special Environments, and Transportation Techniques modules; however, teachers of students with visual impairments, vision rehabilitation therapists, and other professionals, family members, and friends may wish to learn, as appropriate, some of the 23 techniques included in Human Guide Techniques, Non-Cane Techniques, and Special Techniques modules.

ATTENTION FLASH DRIVE USERS: Open and read the “Read Me First” pdf after inserting flash drive into your computer. After opening any module folder, click ONLY the file labeled “0 Double-Click to Start on PC” or “0 Double-Click to Start on Mac”. DO NOT OPEN ANY OTHER FILE ON THE FLASH DRIVES. Opening any other file in the menu will corrupt the Step-By-Step program and render it permanently unstable.



1-08838-00 PICTURE MAKER: WHEATLEY TACTILE DIAGRAMMING KIT

This fun, colorful tactile board includes a felt covered board measuring 20 3/4 x 13 inches, and a wide variety of Velcro®-backed pieces that attach to the board in an infinite number of patterns. Features over 100 pieces in many shapes, sizes, textures, and colors. Extra “hook” Velcro material provided for helping to create additional tactile pieces. The large print/braille guidebook has suggestions and example layouts.

Price: \$159



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT ITEM

6-08838-00 Guidebook, Large Print/Braille

Price: \$29

ORIENTATION AND MOBILITY (CONCEPT DEVELOPMENT)

1-08838-02 PICTURE MAKER: TEXTURED STRIPS

Provides additional textured diagramming strips for use with Picture Maker. Strips are different in texture, number, color, and size from those included in the original kit. These strips can be used to represent different map features.

Price: \$83



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



1-08838-03 PICTURE MAKER: STORAGE PANEL

Store unused Picture Maker pieces so the entire main Picture Maker board can be used for diagramming purposes. The 8 1/2 x 11 inch panel is double-sided with soft black Veltex® material, 3-hole punched edge, and customer-applied Velcro® hook tabs.

Price: \$20



1-08838-01 PICTURE MAKER: GEOMETRIC TEXTURED SHAPES

Provides additional Velcro®-backed textured shapes for use with APH's Picture Maker. Use in combination with the diagramming strips and shapes included in the original kit. Can also be used with APH's All-In-One Board (Magnetic/Velcro/Dry Erase).

Price: \$69



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



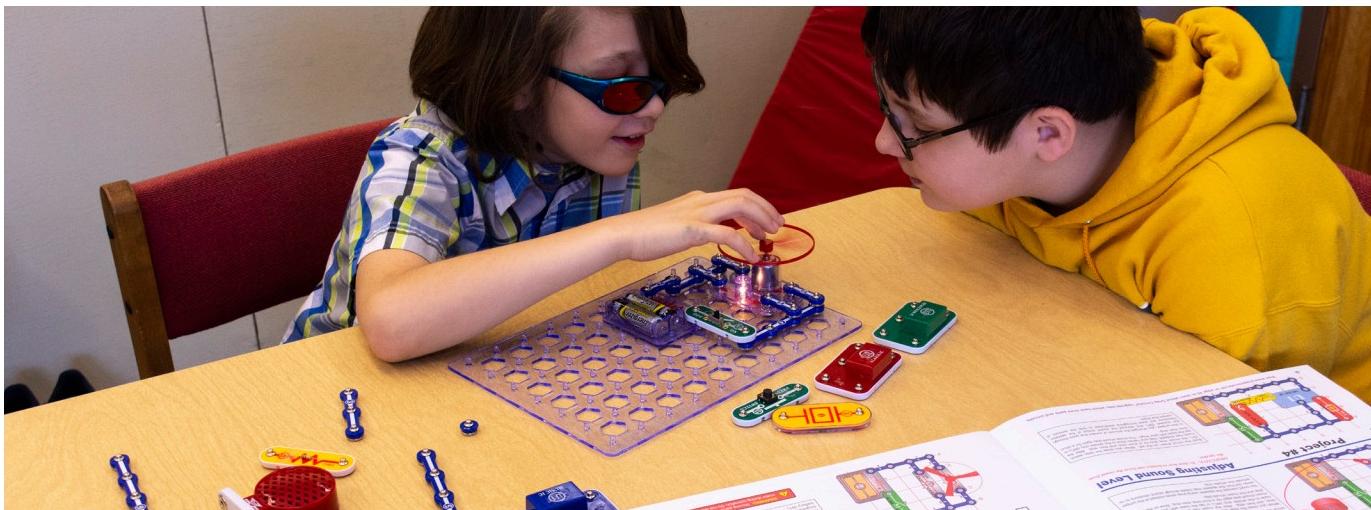
D-03490-ED ORIENTATION & MOBILITY FOR WHEELCHAIR USERS WITH VISUAL IMPAIRMENT OR BLINDNESS

This web-based publication helps O&M instructors learn how to train students who are wheelchair users to travel safely and effectively. It shares techniques and strategies that are proven successful with clients/students in the rehabilitation setting. It does not suggest that any particular skill be taught in a particular method, and acknowledges that what works successfully with some students may fail with others. Needs an internet connection, works on Windows and Mac operating systems, and iOS devices.

Price: \$4.99

Note: This online publication cannot be ordered directly using the APH Shopping Site. Please contact the APH Customer Service Department. *This publication IS available with Quota funds.*

ASSISTIVE TECHNOLOGY AND ELECTRONICS



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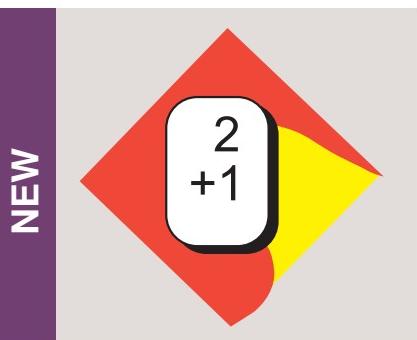
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ASSISTIVE TECHNOLOGY AND ELECTRONICS

PRODUCTS

• • •

MATH™ FLASH



NEW



works with the
Google Assistant

APH has launched a new action on Google Home® and Google Assistant!

This action runs via Google Assistant on devices such as the Google Home smart speaker, and is based on the popular Math Flash software that combines math flash cards with fun audio feedback and a snarky personality. When triggered, Math Flash will allow students to practice math facts on compatible devices. You may choose from three difficulty levels. In addition, you may select which math operations you would like to focus on (addition, subtraction, multiplication, or division). Recommended ages: all.



SNAP CIRCUITS® JR.



NEW

Snap Circuits Jr. is an entry-level product for learning about circuits, current, resistance, switches, motors, and other basic electronics concepts. Sold in stores, it is widely used in classrooms because the parts are durable, colorful, and easy to assemble into projects that light up, make sounds, and more. The Snap Circuits Jr. Access Kit, which is sold exclusively through APH, includes the commercial product and makes it accessible to blind and visually impaired users by providing parts labeled in braille, along with written project instructions in braille and large print.

The Snap Circuits Jr. Access Kit and Access Pack were developed by APH with generous cooperation and contributions from Elenco®, makers of a wide variety of learning kits. Please visit www.elenco.com for information about their products and services. For questions or comments about the Snap Circuits Jr. Access products, please contact APH. Recommended ages: 8 years and up.

1-03041-00 **ACCESS KIT**

Price: \$129

1-03042-00 **ACCESS PACK** (labels and
instructions only)

Price: \$73

1-03941-00 MATT CONNECT™

NEW



Price: \$2,995.00 + shipping

The *MATT Connect* *IS*
available with Quota funds.

REPLACEMENT ITEMS

45-003-011 Distance Camera

Price: \$395

45-003-012 Camera Battery

Price: \$75

Replacement Items ARE available with Quota funds.

OPTIONAL ITEM (not available with Quota funds)

Extended Care Plan from HumanWare, please contact HumanWare within 30 days of purchase:
800-722-3393 or www.humanware.com

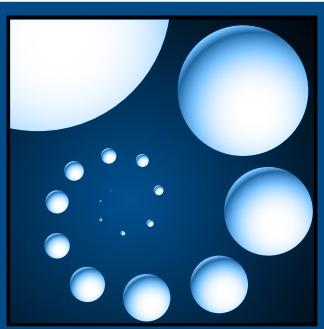
REPAIRS (not available with Quota funds)

Please contact HumanWare directly: 800-722-3393 or support@humanware.com



BRAILLEBLASTER™

NEW



Download FREE at:
www.brailleblaster.org

BrailleBlaster software is a revolutionary new tool for braille transcribers and others who need to produce high-quality braille material. It takes advantage of the rich markup contained in NIMAS (National Instructional Materials Accessibility Standard) and EPUB files to automate basic translation and formatting, and to make advanced tasks quicker and easier. Designed primarily for editing braille textbooks that meet the specifications published by BANA, the purpose of BrailleBlaster is to help braille producers ensure that students have the necessary textbooks on the first day of class.

ASSISTIVE TECHNOLOGY AND ELECTRONICS

D-11001-ED JAWS-ZOOMTEXT-MAGIC SUITE



NEW

One-Year Subscription

Price: \$300

VFO™ and APH have partnered to make three access programs for Windows® computers available to all APH customers! This expands on our previous JAWS and MAGic product. Sold exclusively by APH.

Non-Quota customers, visit: <http://www.aph.org/products/jaws-zoomtext-magic-suite/non-quota/purchase-information/>

Quota customers, visit: <http://www.aph.org/products/jaws-zoomtext-magic-suite/quota/purchase-information/>

Want to Try Before You Buy? No Problem!

Download fully-functioning demo versions of the software at <http://www.freedomscientific.com/downloads>

For each license purchased, customers may choose to install any combination of these programs:

- JAWS® (Jobs Access With Speech) is the world's most popular screen reader software and it features optional braille output.
- ZoomText® Magnifier/Reader enlarges and enhances everything on your computer screen, echoes your typing and essential program activity, and automatically reads documents, webpages, and email.
- MAGic® Screen Magnifier Software is a screen magnification and screen reading solution. Whether you are surfing the web, creating a document, emailing, or engaging in social networking, MAGic provides you the tools you need to work more efficiently.
- ZoomText® Fusion Home provides the best of both worlds – ZoomText, and its screen magnification and visual enhancements, coupled with the power and speed of JAWS for screen reading functionality.

1-07191-00 BOOK PORT PLUS

Read Digital Talking Books, play digital audio, play internet radio, download podcasts, read computer files, and make superb recordings. Book Port Plus' ability to create Digital Talking Book recordings is unique. Book Port Plus™ measures 4.4 x 2.2 x 0.6 inches and weighs 3.9 oz.

Price: \$340 + shipping

REPLACEMENT ITEMS

1-07192-01 AC Power Adapter, A-Type

Price: \$26

1-07194-00 Battery, Lithium-Polymer

Price: \$38

1-07193-00 Battery Door

Price: \$3.25

1-07195-00 Cable, Mini AB-Short USB

Price: \$5

OPTIONAL ITEM

DAISY Online Delivery Update: call customer service 800-223-1839. Paid firmware update adds DAISY delivery capabilities to APH's Book Port Plus.



1-07200-00 BOOK PORT DT™

Loaded with many of the same features as our hand-held Book Port Plus, the Book Port DT is a desktop-style Digital Talking Book player and recorder. Ideal for reading Digital Talking Books. Record or edit your own material in Digital Talking Book format. Enjoy listening to internet radio or downloading podcasts for education or entertainment.

Note: The unit must be authorized through Learning Ally or NLS to play recordings from these organizations. You also need to have an account to use bookshare.org. You can also download books from the NLS BARD website, see nlsbard.loc.gov

Price: \$423 + shipping

OPTIONAL ITEMS (no Quota funds for these two items)

1-02609-00 Digital Talking Book Cartridge,

Blank

Price: \$13

1-02612-00 USB Extension Cable, 3 ft.

Price: \$5

REPLACEMENT ITEMS

1-07201-00 AC Adapter

Price: \$36

45-001-000 User's Guide,

CD-ROM

45-001-003 Mask Cover

Price: \$19

1-07202-00 Nickel-Metal

Hydride Battery

Price: \$55

Price: \$8

45-001-001 Carrying Case

Price: \$47.25

ASSISTIVE TECHNOLOGY AND ELECTRONICS

1-02609-00 DIGITAL TALKING BOOK CARTRIDGE

This 4GB blank cartridge is for use with the National Library Service (NLS) Digital Talking Book Players. Connect this cartridge to your PC via a USB cable (purchased separately) to download NLS books (you must be an authorized NLS user). The cartridge can then be disconnected from your PC and plugged into an NLS digital player to play back the downloaded material.

Also available are Digital Cartridge Mailers that hold one cartridge for storage or mailing. Has a slot for a mailing label. Embossed: "Free Matter for the Blind or Handicapped".

For more information about NLS digital talking books, <http://www.loc.gov/nls/digital.html>

Price: \$13



1-03966-00 USB CHARGER, 2 AMP

This handy USB wall charger may be used to charge several APH products. Works with the USB cables that are included with these devices. Power output is 2 amps, it accepts a Standard A USB plug. This unit also charges many commercial devices that recharge via USB cable.

Price: \$32



STEREO HEADPHONES

Compatible with APH technology products. A stereo to mono adapter plug is required to use these headphones with older monaural players. Both have 3.5mm plugs.

1-07088-00 PRIVATEPHONES

Price: \$21

1-18986-01 STEREO HEADPHONES

Price: \$14.50



BRAILLE BADGES

APH Braille Badges are available for FREE on the App Store® for iMessage®! This fun, accessible sticker pack is great for sharing. Download them to your iOS device!

How to Use After downloading: within the Messages app, look for these stickers under the "Message Apps" button (the button containing the capital "A" shape) in your text message screen. You may need to open the "apps drawer" using the four-dot icon at the lower left of the screen to see Braille Badges. Enjoy these stickers and look for additional stickers in the future!

Braille Badges, Sticker Pack is FREE and available on the App Store at:
itunes.apple.com/us/app/braille-badges/id1173603989?ls=1&mt=8



VISUAL BRAILLER™ (FOR IPAD)

The simple braille editor! Visual Brailler is a braillewriter app for your iPad®, and it has a place in every braille transcriber's toolbox. It displays a traditional six-dot keyboard and simulated braille on your iPad screen. You can edit and save your work, which makes Visual Brailler perfect to use for on-the-go practice for NLS certification exercises. Visual Brailler supports any code you wish to use, because it makes no assumptions about what you are writing. Use it to help learn new codes, such as Unified English Braille (UEB), and record your progress.

Visual Brailler also works with Bluetooth refreshable braille displays with keyboards, such as APH's Refreshabraille 18.

Visual Brailler is FREE and available on the App Store at
<https://itunes.apple.com/app/visual-brailler/id888739587>



1-07419-00 THE ORBIT READER 20™

The Orbit Reader 20 unit combines simplicity, functionality, and connectivity in a refreshable braille display priced at a fraction of the cost of similar devices! Made possible by the Transforming Braille Group, LLC (TBG), a consortium of world-wide blindness organizations.

Though feature-rich, the Orbit Reader 20 is simple to use and allows switching between the different functions seamlessly. Its Stand-Alone capabilities include reading, writing, and file management. Orbit Reader 20 starts as a reader displaying the content of files stored on the SD™ card. For more advanced users, Orbit Reader 20 provides searching, bookmarking, and note taking capabilities. Carrying case available from Orbit Research: www.orbitresearch.com/or20

Price: \$449 + shipping



REPLACEMENT ITEM

45-095-002 Lithium-ion 2200 mAh Battery

Price: \$45.90

OPTIONAL ITEM

Extended Warranty available from Orbit Research, please contact them within 30 days of purchase: 888-606-7248 or sales@orbitresearch.com

ASSISTIVE TECHNOLOGY AND ELECTRONICS

BOOK WIZARD READER AND PRODUCER SOFTWARE

Book Wizard Reader™ lets you read a wide variety of types of digital talking books as outlined in the specifications designed by the National Information Standards Organization (NISO) and the Digital Audio Information System (DAISY) consortium.

Book Wizard Producer™ has all the features of Reader, but adds the ability to create digital talking books on your PC. The program adheres to the DAISY/NISO 2002 definitions and provides users with enhanced ability to control and navigate through both structured and unstructured audio files. Producer is compatible with source input of either a narrator who reads directly into the program or an imported audio file created from another source.

BOOK WIZARD READER

D-03531-00 CD-ROM

Price: \$49

D-03531-ED DIGITAL DOWNLOAD

Price: \$39

BOOK WIZARD PRODUCER

D-03530-00 CD-ROM

Price: \$200

D-03530-ED DIGITAL DOWNLOAD

Price: \$200

CAREER EDUCATION AND TRANSITION

Quick&Easy

Expanded Core Curriculum



The Hatlen Center Guide • Patricia Maffei

CAREER EDUCATION SECTION INDEX

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PRODUCTS

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1-08204-00 QUICK & EASY EXPANDED CORE CURRICULUM: THE HATLEN CENTER GUIDE

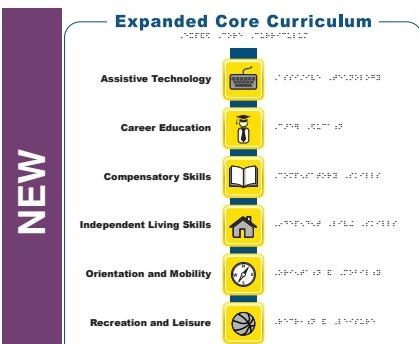
Designed for transition students who are visually impaired. The included lessons were chosen to address the most common gaps found within this population and require little time, expertise, or equipment to implement by the educational team and family members. The lessons, categorized by setting (home/school or community), are intentionally designed to be completed in 5–15 minutes. They are not designed to replace a comprehensive program addressing the ECC.

Note: The entire binder contents are only available as a braille ready format (.brf) file.

Price: \$48

CAREER EDUCATION AND TRANSITION

1-08205-00 ECC ICON POSTER



NEW

Price: \$64

The ECC Icon Poster is a wall-sized print/tactile poster that lists the Expanded Core Curriculum skills important for the specialized instruction of students who are blind and visually impaired. Each skill area is represented with a tactile/print icon and print/braille description. The nine skill areas include: Assistive Technology, Career Education, Compensatory Skills, Independent Living, Orientation and Mobility, Recreation and Leisure, Self-Determination, Sensory Efficiency, and Social Interaction.

The poster is complemented by a separate 2-page large print flyer (with a separate braille version) that provides a very detailed description of each ECC skill area. The content of this flyer was reprinted, with minor modifications, with permission from the Texas School for the Blind and Visually Impaired.

The ECC Icon Poster measures 18 1/2 x 22 1/2 inches and has a die-cut hole for convenient hanging in a classroom setting. Prominently display this attractive and accessible poster to remind individuals (teachers, parents, paraprofessionals, etc.) working directly with students who are blind and visually impaired, as well as those unfamiliar with the ECC, of the importance of the Expanded Core Curriculum. The poster, with related flyer, is also an ideal addition to the use of the Quick & Easy ECC: The Hatlen Center Guide.

1-08210-00 TRANSITION TOTE SYSTEM “NAVIGATING THE RAPIDS OF LIFE”

Transition Tote materials teach middle school, secondary, and transition students with visual impairments essential skills for learning about themselves and the world of work. This includes seeking, obtaining, and keeping jobs. In addition to seven new lessons and the custom designed backpack, this kit includes updated descriptions of technology, revised resource and reference materials, and an updated Facilitator’s Guide.

Price: \$277

OPTIONAL ITEMS

5-08210-00 Student Manual, Braille

Price: \$154

Facilitator’s Guide, Braille

Price: Free Download

REPLACEMENT ITEMS

7-08210-00 Student Manual, Large Print

Price: \$93

7-08212-00 Braille and Large Print Forms

Price: \$17

7-08211-00 Facilitator’s Guide, Large Print

Price: \$95

1-08211-00 Transition Tote Backpack

Price: \$72



1-08211-00 TRANSITION TOTE SYSTEM BACKPACK

This attractive, sturdy backpack is a perfect solution for organizing and transporting equipment and tools used by students and professionals. Designed to serve the changing needs of persons with visual impairments as they proceed through school, transition & vision rehabilitation programs, and into the adult world.

Price: \$72



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1-08052-00 GETTING TO KNOW YOU: A SOCIAL SKILLS/ABILITY AWARENESS CURRICULUM

Designed for VI teachers, O&M specialists, other related service personnel, general education teachers, and families. Lessons take 30-45 minutes to complete so that interference with academic activities is limited. Each lesson contains a clearly stated objective, skills addressed, an introduction, a list of materials needed, and a step-by-step explanation of the activities. The Getting to Know You curriculum is divided into three groups: kindergarten through second grade, third through fifth grade, and middle/high school.

Price: \$299



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT ITEMS

61-163-025 Guidebook, Large Print
w/CD-ROM

Price: \$37.95

4-66001-01 APH Innovations Tote Bag

Price: \$25

DAILY LIVING AND SOCIAL INTERACTION



DAILY LIVING AND SOCIAL INTERACTION SECTION INDEX

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DAILY LIVING AND SOCIAL INTERACTION

PRODUCTS

• • •

1-03952-00 COLOR STAR



NEW

Price: \$449



KEITZER CHECK WRITING GUIDE



NEW

1-03528-00

Price: \$10

1-03528-VET

Price: Call about our
special offer for veterans.

This hand-held device has hundreds of uses at home, work, or school. Color Star® is a powerful color identifier. It recognizes more than 1,000 different color shades, identifies contrast measurements, recognizes the color of LED lights, perceives the light intensity in the surrounding environment, and recognizes patterns – all with clear spoken voice output.

A flexible, durable, polyethylene guide that will hold any standard check. A slant is located at the upper left corner for orientation. This guide allows you to feel the locations of the various blanks on a standard sized check and write in the correct areas.

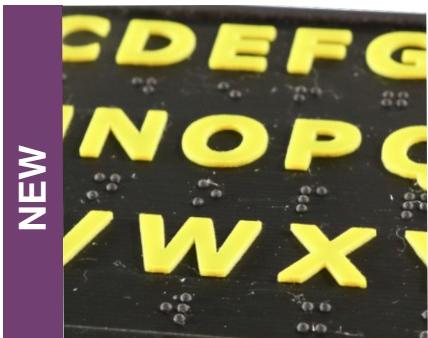
There are four rows of openings:

- First row the left side is for writing in the month and day and the right side is for the year.
- Second row left side is for writing who the check is for (Pay to the Order of), the right side is for writing in the numeric amount in dollars and cents.
- Third row has one opening for writing out the amount.
- Fourth row left side is for writing a memo and the right side is for your signature.

The closed guide measures 3 1/2 x 6 1/4 inches and easily fits in a shirt pocket or purse. It works with checks that are standard size and have a standard layout.

1-16999-00 DEAFBLIND POCKET COMMUNICATOR

NEW



Price: \$57

Durable, washable, and easily fits in your pocket or bag. The smooth numbers side and the matte letters side lets you know “at first touch” which side you need to chat with someone. The breakaway lanyard option gives you some freedom to carry other items and to access the Deafblind Pocket Communicator (DBPC) with ease.

Communication cards can be helpful when using the DBPC with people at a coffee shop or in a store. Sample messages might include: “How much does this cost?” or “Use my finger to show me the answers on this device.” Feel free to design your own communication cards to meet your unique needs.

For more information and examples on developing communication cards with people who are deafblind, please contact these agencies:

- Helen Keller National Center,
<https://www.helenkeller.org/hknc/communication-training>
- Teaching Deaf-Blind People to Communicate and Interact with the Public: Critical Issues for Travelers who are Deaf-Blind by Eugene Bourquin and Dona Sauerburger,
www.sauerburger.org/dona/REviewdbcomm.html
- DeafBlind Services Minnesota,
visionlossresources.org/programs/dbsm
- Seattle Lighthouse for the Blind, Deaf-Blind Program,
www.deafblindlh.org/service.html
- National Federation of the Blind, Deaf-Blind Communication Technology,
<https://nfb.org/images/nfb/publications/bm/bm14/bm1409/bm140906.htm>

Note: The APH Tactile Graphic Image Library (TGIL) has a file which allows you to print the DBPC on your own 3-D printer, according to its ability. Sign in or register for a free account at: www.aph.org/tgil

DAILY LIVING AND SOCIAL INTERACTION

MINIBOOK BRAILLE QUICK-NOTE PRODUCTS

Jot down small bits of information quickly! When a friend gives you a phone number or a clerk tells you the total of your debit card purchase, you need to get to your braille writing materials fast!

Materials are sold separately:

- MiniBook Slate with Styluses: This tiny slate has four lines, 15 cells per line. The cells have side indentations, making it easy to find the dot you want to make. It comes with three styluses: saddle, tall flat, and short flat. Choose the one that fits your hand most comfortably.
- Mini Spiral Notebook (2-pk.): The Mini Spiral Notebook includes 50 pages perforated for easy removal. Fasten the slate to the first blank page, then when you pull the notebook out of your pocket, you're ready to write!

1-07850-00 MINIBOOK SLATE

WITH STYLUSES

Price: \$12

1-07853-00 MINI SPIRAL NOTEBOOK

Price: \$9



1-07899-18 BRAILLE DATEBOOK

An attractive planner-organizer designed specifically for braille users! Binder with pockets, 250 sheets of paper, tabbed calendar pages, blank tabs, and stylus.

Recommended ages: 11 years and up.

Price: \$89

REPLACEMENT ITEM

1-07898-18 Calendar Pages, 2018

Price: \$19

OPTIONAL ITEM

1-07897-00 Additional Filler Paper and Tabs

Price: \$13



1-30020-DVD RECLAIMING INDEPENDENCE: STAYING IN THE DRIVER'S SEAT WHEN YOU NO LONGER DRIVE VIDEO

Useful for both individuals and professionals, this video/resource guide will help you successfully use rehabilitation and transportation resources. Real people share their stories as they make the transition from driver to non-driver. Includes a narrated version of the Resource Guide. Menus are spoken aloud. Included Resource Guide is in large print and on CD-ROM. Closed captioned.

Price: \$30

OPTIONAL ITEM

5-30020-00 Resource Guide, Braille:

Price: \$76

1-03955-00 COLORINO TALKING COLOR IDENTIFIER

This simpler talking color identifier is a small, hand-held unit that is simple to operate using only two buttons. The Colorino can detect more than 100 nuances of color and be used as a light detector. Uses 2 AAA batteries (included) and comes with a carrying case; cassette, large print, and braille "quick start" instructions; and a one-year warranty.

Price: \$227



ZEITGEIST TALKING TIME MACHINE

This hand-held device combines a number of time-related functions and speaks through its speaker or headphones (not included). Fits in pocket or carry around neck on attached lanyard, uses 2 AAA batteries (included). A Spanish edition is also available.

ZeitGeist *IS available with Quota funds.*

1-03974-00 ZEITGEIST, ENGLISH

Price: \$106

1-03974-SP ZEITGEIST, SPANISH

Price: \$106



1-03993-04 THE WILSON DIGITAL VOICE RECORDER, V6

Digital voice recorder has up to 12 hours of continuous recording time. Includes a mono earpiece, and removable clip for clipping to your belt, visor, or purse. Version 6 features a CM (Check Messages) button to know how many messages are stored on the device. Requires 2 AAA batteries (not included).

Price: \$39.95

Note: The Wilson Recorder Instructions are available free-of-charge as text files on our downloadable manuals page: www.aph.org/manuals/#alpha-w



1-07420-00 TACTILE CLOTHING TAPE

Allows braille readers to keep colors and other information about their clothing and linens exactly where they need it: attached to the item and ready to be read. The brailled information remains clean and readable after going through automatic washers and dryers, and even holds up under an iron as long as a layer of fabric is kept between the iron and the label!

Price: \$59



WARNING: This product contains safety pins. DO NOT use with children under 12 years unless directly supervised.

DAILY LIVING AND SOCIAL INTERACTION

EZ TEST BATTERY TESTER

APH offers two versions of the EZ Test Battery Tester:

- The Audible EZ Test reports battery status by beeps
- The Audible/Tactile EZ Test reports battery status by vibrations and beeps

A flexible testing wire allows for testing of 1.5 volt batteries, including AAA, AA, C, and D batteries. Also included are two contacts for testing 9 volt batteries.

1-03968-00 AUDIO FEEDBACK

Price: \$62

1-03969-00 AUDIO/TACTILE FEEDBACK

Price: \$78



1-03992-00 TALKING COOKING THERMOMETER

Use this large-display talking thermometer for cooking, hobbies, gardening, and much more! It's a "must have" item to make everyday living easier! Use the built-in eyelet at the top to hang the thermometer within easy reach.

Note: This thermometer is not for medical use.

Price: \$39



1-03970-00 EZ FILL POURING AID

This device aids in filling containers. The aid hangs on the edge of the container, and when liquid fills to about one inch from the top, the device produces a signal, alerting the user. Uses three included LR44 button-type batteries, with an expected life span of about one year.

Price: \$20



MONEY HANDLING AND BUDGETING

Resource guide with an adapted practice checkbook that helps students learn vital money handling skills. Recommended ages: 11 years and up.

1-83080-00 PRINT

Price: \$53

1-83081-00 BRAILLE

Price: \$63

REPLACEMENT ITEMS

1-03501-00 Complete Adapted Practice Checkbook

Price: \$14

1-03502-00 Bound Practice Checks/Deposit Tickets (5-pk.)

Price: \$42

EZ TRACK CALENDAR: A LOW VISION APPOINTMENT BOOK AND CALENDAR

A systematic and organized way of keeping track of appointments, holidays, and other events. Each large print page holds four days, with enough room to write notes and appointments. The calendar comes with a three-ring binder.

1-07900-19 WITH BINDER

Price: TBA

1-07901-19 INSERTS ONLY, NO BINDER

Price: TBA



1-07910-00 EZ TRACK ADDRESS BOOK

Large print address book holds 208 addresses. Includes a plastic template for easy entry. Large alphabet tabs make names easy to find in the 3-ring binder.

Price: \$56

REPLACEMENT ITEM

1-07911-00 EZ Track Address Book Insert Pages

Price: \$33



1-07930-00 EZ TRACK MEDICAL RECORD KEEPER

Large print organizational tool for keeping medical records. It provides a system for storing and organizing information on personal identification, medical history, insurance, medications, physicians, and other medical records. Printed non-glare paper, with 22-point black type. Includes a 3-ring binder, folders, and tab pages.

Price: \$80



1-07920-00 EZ TRACK FINANCIAL RECORD KEEPER

Large print system for keeping track of information about banking, utilities, income, taxes, insurance, mortgages, investments, retirement plans, and much more! Information is stored in tabbed sections. Stored in a 3-ring binder and includes large print Check Register, storage pouch, three storage folders, and a user's guide.

Price: \$101

REPLACEMENT ITEMS

1-07920-01 Check Registers (2-pk.)

Price: \$26

1-07920-02 Insert Pages only

Price: \$41

DAILY LIVING AND SOCIAL INTERACTION

MONEY TALKS™ SOFTWARE

An accessible and flexible bank account management software package that provides printing and braille embossing of the check register, and writing checks in a variety of sizes and styles. Requires a PC running Windows® 7, 8.1, or 10.

D-03560-00 CD-ROM

Price: \$49

D-03560-ED DIGITAL DOWNLOAD

Price: \$39



1-03530-01 APH SIGNATURE GUIDE

This small, pocket-sized frame has an opening with an elastic band. The band provides a guide for writing and flexes to allow for the descenders of letters. Guide is made of aluminum with a rubber backing to prevent sliding. Recommended ages: 8 years and up.

Price: \$10



1-03971-00 TALKING CALCULATOR

Provides audio feedback to a user, along with an oversized LCD display. This desktop model has the standard operations of addition, subtraction, multiplication, and division, in addition to a memory function. A “repeat” key speaks the last result. Uses two “AA” batteries (not included).

Price: \$21



1-03990-01 PUSH BUTTON PADLOCK

Each lock comes with two large print/braille cards listing the combination, along with large print and braille instructions. Buttons eliminate the worry of losing a key. Just push five buttons and presto, you’re in!

Price: \$22



MAGNETACHERS MAGNETIC LABELS

MagneTachers are magnetic labels that attach to metal objects, are easily removable, and re-attachable! You can create labels in large print and braille. Instructions in print and braille included.

1-07418-00 LARGE PRINT LABELS

(2 Rolls, 1 inch high)

Price: \$7.50

1-07416-01 BRAILLE/LARGE PRINT

LABELS (2 Rolls, 0.5 inch high)

Price: \$14

DAILY LIVING AND SOCIAL INTERACTION

LABELING, MARKING, AND ORGANIZATION: A SELF-HELP GUIDE FOR PERSONS AFTER VISION LOSS

If you are tired of opening apricots instead of tomatoes, wearing your navy shirt with black slacks, or floundering through files when trying to find your utility bill, then Labeling, Marking, and Organization may be the book you need! Written by Lisa-Anne Mowerson, a renowned vision rehabilitation therapist, it contains practice activities that help you develop new ways to identify items with labels you can no longer read. "Explorers" (fictitious persons who lost vision) are working through the book along with you, to keep you motivated and encouraged!

Vision rehabilitation therapists can use this book with accompanying recordings of the text on CDs as homework for their consumers – and consumers losing vision can use this book on their own. Recommended ages: 14 years and up.

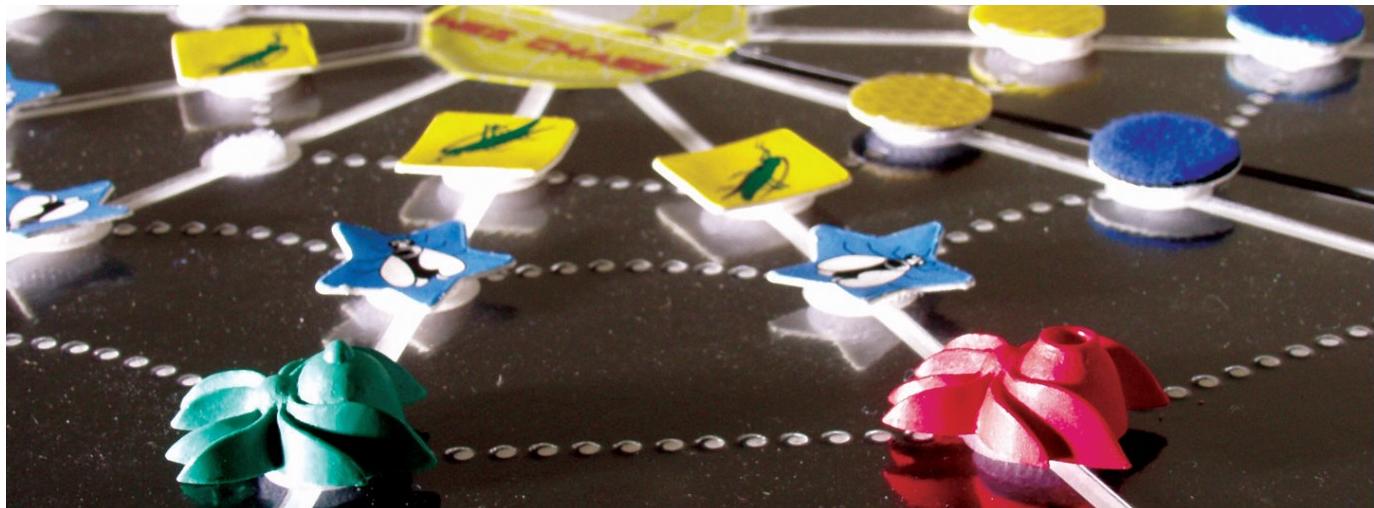
7-08870-00 LARGE PRINT WITH CDS

Price: \$69

5-08870-00 BRAILLE (3 VOL.) WITH CDS

Price: \$95

RECREATION AND LEISURE



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RECREATION AND LEISURE

PRODUCTS

• • •

TOUCH ‘EM ALL BASEBALL

Touch ‘em All Baseball is easy to learn, and you may change the complexity for different levels of play. You’ll need to be familiar with the basic rules of baseball for counting balls, strikes, and outs; for advancing runners; and for scoring, but you don’t need a lot of baseball expertise to enjoy this game.

The Teacher’s Kit (sold separately) provides suggestions for using Touch ‘em All Baseball with students, not only to teach about baseball but to develop other skills. This kit includes a set of tactile/print “stick figure” diagrams, which illustrate the motions of pitching and batting along with some of the spatial arrangements that apply in baseball, and suggested physical activities that correspond to the images. Recommended ages: 8 years and up.

1-08101-00 GAME

Price: \$244

7-08101-00 TEACHER’S KIT

Price: \$27



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



1-17001-00 SCORE CARD SET

Generic Score Card made of durable plastic. Has twenty “buttons” in two rows of ten. Push down on a button to register one event. Pop up buttons to clear. You can assign one row as the “tens” row to keep track of up to 110 events. Includes one yellow and one green card. Instructions in print and braille. Recommended ages: all.

Price: \$28



1-07500-00 TALKING GLOWDICE

Push the “Roll” button and a randomly generated number between one and six is announced in digital speech, and the corresponding number is displayed in bright blue LEDs.

Takes four AAA batteries (not included).

Price: \$33



PARTS 1-08462-00 SCATTERED CROWNS: TACTILE ATTRIBUTE GAME

A fun, versatile board game that encourages young children, especially those with visual impairments and blindness, to develop tactile skills. As players search for crowns with specific attributes they will practice: texture/shape/size discrimination, tactile memory, systematic searching skills, and spatial concepts.

Other concepts include counting, turn-taking, sorting/organizing, and social interaction skills. The game is conducive to playing classic “concentration” games using the crown pieces or user-constructed matching game pieces (e.g., basic shapes, braille words/letters, etc.)

Recommended ages: 5 and up.

Price: \$281



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



PARTS 1-08440-00 GAME KIT

A collection of common game parts designed for use by players who are visually impaired and blind. Parts can be used to play games from the included handbook, to adapt commercial games, or to create new games. Use to build social skills or to review school subjects.

Recommended ages: 5 years and up.

Price: \$299



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



PARTS 1-08460-00 WEB CHASE

An originally designed board game by APH that is intended to develop important tactile skills within a fun, recreational context. As players navigate their hungry spiders through an insect-laden web, they learn to trace various raised lines, identify point symbols, and discriminate textures and shapes (of various prey). Recommended ages: 5 years and up.

Price: \$304

Note: One-time application of Velcro® coins to the game board and lunch trays is required by the customer.



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

RECREATION AND LEISURE

WORD QUEST PUZZLES

This recreational/educational product presents classic “find-the-hidden-words-in-the-grid” puzzles in a large print format. Two sizes of letters are available to accommodate different users.

8-05101-00 1/2 INCH LETTERS

Price: \$5

8-05102-00 1 INCH LETTERS

Price: \$7



TALKING WORD PUZZLES® SOFTWARE

Create or solve hidden word and crossword puzzles in large print. As the player navigates through the puzzle, the program announces the contents of that square. Recommended ages: all (dictated by the puzzles created). Find detailed software purchasing instructions on page 196.

Requires Windows® 7, 8.1, or 10.

D-03440-00 CD-ROM

Price: \$49

D-03440-ED DIGITAL DOWNLOAD

Price: \$39



1-03991-00 SLIDE, TWIST ‘N SOLVE: TACTILE BRAIN TEASER

The attached pieces of this accessible puzzle easily slide and twist. Raised tactile patterns make it easy to identify various patterns; high contrast colors make it ideal for those with low vision. Compare your results to the solution key on the back! Recommended ages: 6 years and up.

Price: \$16



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



1-08910-00 TREKS: THE GAME OF COMPASS DIRECTIONS

The goal of the game is to be the first player to move your pieces (“treksters”) across the board from your home row into the opponent’s home row. Change the game to make the play simpler or add rules to make it more complex.

Along with the above pieces, the kit includes a game board, tactually and visually contrasting treksters, rules and variations booklet in large print and braille, and a set of tactile dice. Recommended ages: 8 years and up.

Price: \$152



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

1-08430-01 GAMES OF SQUARES

The 8x8 inch grid board and accompanying game pieces incorporate color contrast and distinctive textures and shapes that can be easily discriminated by children, students, and adults with visual impairments and blindness. Starter ideas and possible adaptations are provided in “Beyond X’s and O’s” within the Game Instruction booklet. Recommended ages: 5 years and up.

Note: One-time application of hook/loop material to the game grid, game tokens, and masking overlays is required of the customer.

Price: \$278



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT ITEM

61-137-027 Tactile Dice set, 7/8 inches

Price: \$5



SQUID TACTILE ACTIVITIES MAGAZINE

SQUID Magazine is deceptively fun: while your student enjoys a variety of activities, he or she will acquire skills needed to become a more proficient tactile reader.

Recommended ages: 5 years and up.

1-08862-01 **ISSUE 1**

Price: \$73

1-08862-04 **ISSUE 4**

Price: \$86

1-08862-07 **ISSUE 7**

Price: \$95

1-08862-02 **ISSUE 2**

Price: \$81

1-0886205 **ISSUE 5**

Price: \$119

1-08862-03 **ISSUE 3**

Price: \$92

1-08862-06 **ISSUE 6**

Price: \$81

Note: Many of the tactile puzzles are reusable and are intended to grow with the child as he or she acquires new skills and tactile understanding.



PARTS 1-03690-00 WOODEN CONSTRUCTO SET, JUNIOR

Helps children develop creativity, problem-solving skills, muscular coordination, manual dexterity, and construction concepts. Lengths are linked together with color-coded nuts and bolts. Recommended ages: 4 years and up.

Price: \$199



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

VIDEOS



VIDEOS

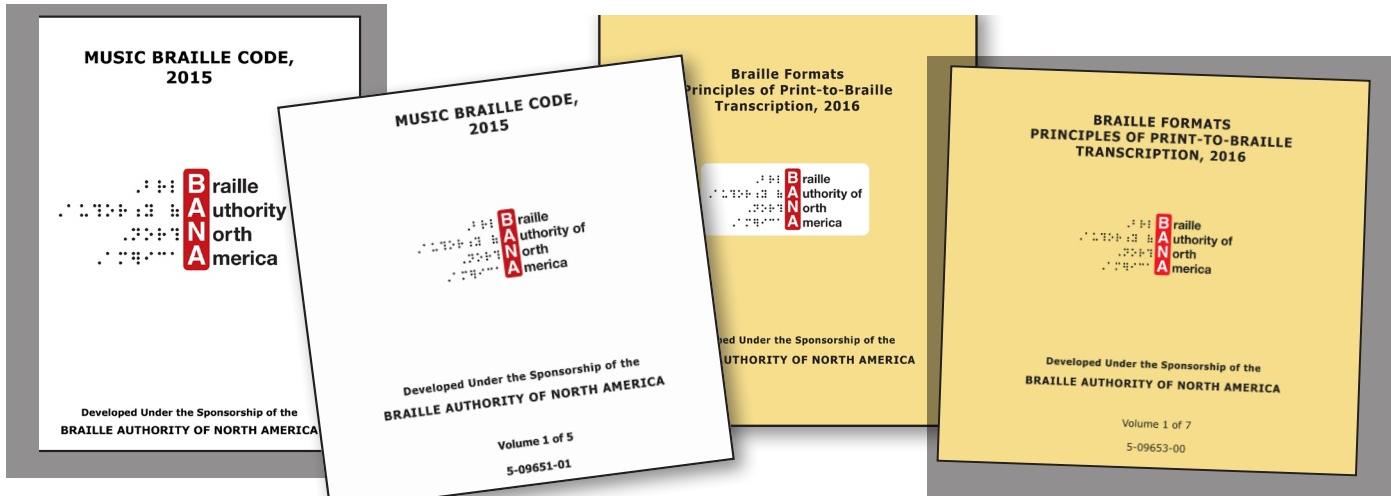
APH offers videos for purchase on a wide variety of topics. This is a complete list of videos in this catalog.

ONLINE VIDEOS

In addition, visit the APH website to view a growing selection of free-of-charge streaming video product guides. www.aph.org/videos

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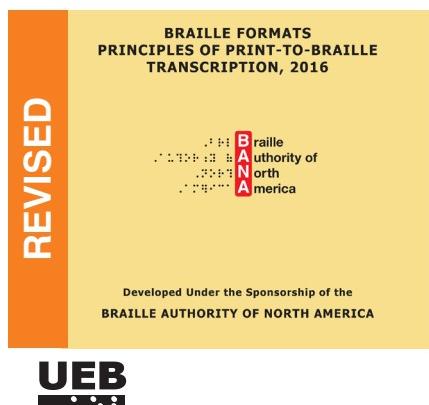
RESOURCES FOR PROFESSIONALS

PRODUCTS



BRAILLE CODEBOOKS – BANA

The mission of the Braille Authority of North America (BANA) is to assure literacy for tactile readers through the standardization of braille and tactile graphics. It publishes rules for formatting and serves as the authority for braille transcribing. The following BANA titles are available in both print and braille editions:



BRAILLE FORMATS: PRINCIPLES OF PRINT-TO-BRAILLE TRANSCRIPTION, 2016

With the implementation of UEB, these guidelines provide a foundation for transcribing print content in an accurate and consistent manner. A wide variety of examples are included.

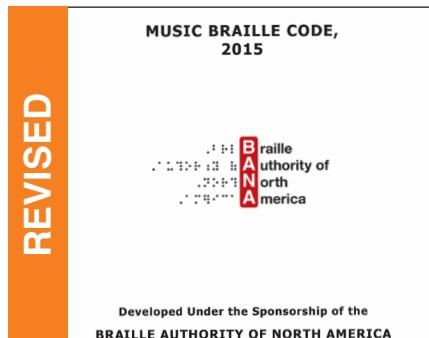
Available for free download on the BANA website:
www.brailleauthority.org/formats/formats2016.html

5-09653-00 Braille

Price: \$259

7-09653-00 Print

Price: \$259



MUSIC BRAILLE CODE, 2015

Where appropriate, rules and procedures have been adjusted to comply with the adoption of *The Rules of Unified English Braille and of Braille Formats: Principles of Print-to-Braille Transcription*. A section about transcribing music for harps has been added. It also incorporates some signs that are not defined in either that work or in the *New International Manual of Braille Music Notation*. Available for free download on the BANA website: www.brailleauthority.org/music/music.html

5-09651-00 Braille

Price: \$189

7-09651-00 Print

Price: \$189

NEMETH CODE FOR MATHEMATICS AND SCIENCE NOTATION, 1972 REVISION

5-87430-00 Braille

Price: \$89

7-87430-00 Print

Price: \$89

ADDENDUM 1 TO THE NEMETH CODE FOR MATHEMATICS AND SCIENCE NOTATION, 1972 REVISION: ANCIENT NUMERATION SYSTEMS

5-68654-00 Braille

Price: \$15

7-68654-00 Print

Price: \$15

continued...

**5-16900-00 BRAILLE CODE FOR
CHEMICAL NOTATION**

Braille

Price: \$79

**LEARNING THE NEMETH BRAILLE
CODE: A MANUAL FOR TEACHERS AND
STUDENTS**

5-68653-00 Braille

Price: \$49

7-68653-00 Print

Price: \$49

**BANA GUIDELINES AND STANDARDS
FOR TACTILE GRAPHICS**

5-35935-00 Braille

Price: \$99

7-35935-00 Print

Price: \$99

SUPPLEMENT:

5-35936-00 Braille

Price: \$189

7-35936-00 Print

Price: \$189



**TEACHING THE STUDENT WITH A VISUAL IMPAIRMENT (TSVI): A PRIMER FOR THE
CLASSROOM TEACHER**

TSVI assists the all-inclusive classroom teacher in preparing for the unique educational needs of the student with low vision. An extensive listing of agencies and organizations that serve persons with visual impairments and a materials tote with consumable forms for teachers, parents, and students is included.

1-08290-00 Kit

Price: \$117

1-08290-01 Materials Packet Only

Price: \$27



**SELF-ESTEEM AND ADJUSTING TO BLINDNESS: THE PROCESS OF RESPONDING TO
LIFE'S DEMANDS, 2ND EDITION**

Explores the development of self-esteem, attitudes toward blindness, and adaptability illustrated by biographies and autobiographies of people who are blind. Helps people examine their reactions, coping skills, and personal attitudes in order to live a positive and independent life.

5-00500-00 Braille

Price: \$178

L-96229-00 Print

Price: \$95.50



**7-02500-00 LOVING ME: A GUIDE TO CREATING AND PRESENTING WORKSHOPS ON
SELF-ESTEEM**

Designed for those who seek to help people who are blind and visually impaired, their families, and the professionals who work with them explore the origin and expression of their self-esteem in a workshop format.

Price: \$157

RESOURCES FOR PROFESSIONALS

STUDIO RECORDER™ SOFTWARE

A powerful digital recording and editing software package geared specifically for making recordings of the spoken word. This software includes features not found in similar programs primarily designed for music production. Studio Recorder contains many features that make recording, editing, and proofreading audio books easy. Requires Windows® 7, 8.1, or 10.

D-03600-00 CD/ROM

Price: \$200

D-03600-ED Digital Download

Price: \$200



THE IMPRESSOR™ BRAILLE BUSINESS CARD EMBOSSE

Easily create your own braille business cards! Similar to the stamp used by notary publics. The die which embosses braille on your card is custom-made with your information. Embosses up to 4 lines, 13 braille cells per line. Call 800-223-1839 to initiate an order, mail a copy of your business card, and we will call to confirm your information. Should the information on your business card change, we can easily revise it.

1-03380-00

Price: \$217

1-03380-01 Impressor Revised

Price: \$112



1-02592-00 MATERIALS CARRY-ALL

This sturdy, lightweight storage/transporting container is great for materials of all types. The side-opening design provides more usable space with better visibility of contents as compared to the previous model. Measures 10 1/2 x 27 x 16 inches, weighs 4 lbs.

Price: \$60

5-18971-19 APH INSIGHTS ART CALENDAR

REVISED

APH InSights Calendar 2019



Featuring Artwork by Visually Impaired and Blind Artists
American Printing House for the Blind, Inc.

Twelve month large print/braille calendar features the artwork of visually impaired artists. Includes months, days, holidays, and moon phases. Pages fold over easily.

Makes a Great Fund-Raiser

Art calendars can be purchased with a minimum order of 50 for fundraising projects. Your group's name can be printed and brailled on a special version of the cover. Fund-raising questions and orders should be directed to APH's Contract Administration Office, 1-800-223-1839.

Price: \$8**UEB**

Note: The APH Insights Calendar MAY be purchased with Federal Quota funds; however, quantity purchases of this calendar for fund-raising purposes MAY NOT be purchased with Quota funds.

REPLACEMENT PARTS CATALOG

REPLACEMENT PARTS CATALOG

Welcome to our APH Replacement Parts Catalog, consisting of the most commonly requested replacement items for APH products.

If you don't see a replacement part you're looking for, check: shop.aph.org
As new products are added, replacement parts will be added to the shopping site.

Placing Your Order: To expedite your order, please use the catalog number and description listed. Some items you receive may differ slightly from those pictured. Some items are available only in the collections featured and cannot be divided into smaller groups.

We accept all major credit cards or you may send a check, money order, pre-approved purchase order, or Federal Quota order. Please do not send cash. Please do not email your credit card number. Contact our Customer Relations Department with any questions or suggestions you may have, cs@aph.org

Prices are subject to change without notice.

Note: For reference purposes, the photos in the Replacement Parts Catalog depict the entire content of each kit. Please note that not all items pictured are available for separate purchase as replacement parts.

ORDERING REPLACEMENT PARTS FOR APH KITS AND OTHER PRODUCTS IS EASY AT SHOP.APH.ORG

Locate replacement parts by:

- Using the search box
- Scrolling toward the bottom of main product pages. Many main product pages contain a yellow box directly under the Ordering area. Depending on the product, the yellow box may contain Optional, Replacement, or Related Items.

Note: Please contact our Customer Relations staff with any questions you may have about APH replacement parts.

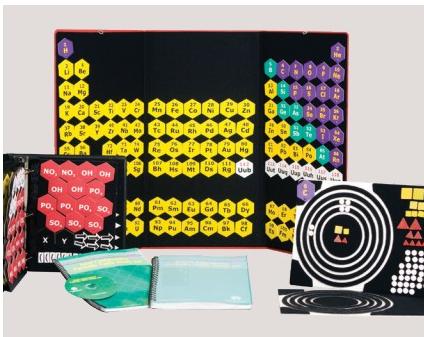
REPLACEMENT PARTS CATALOG



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1-08856-00 AZER'S PERIODIC TABLE STUDY SET



61-167-032 Atomic Model with Accessories

Price: \$62

61-167-034 Bag A*

Price: \$117.10

61-167-033 Storage Binder with Accessories

Price: \$87.80

61-167-035 Bag B*

Price: \$117.10

*Bag A, B, and C contain Element and Accessory Pieces with hook material dots

61-167-036 Bag C*

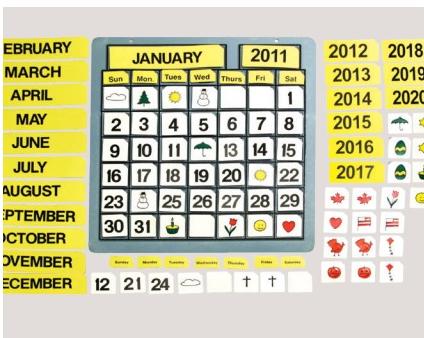
Price: \$117.10



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



1-18970-00 CLASSROOM CALENDAR KIT, ENGLISH EDITION



*Also used in the Spanish Edition, 1-18973-00

61-410-002 Calendar Grid*

Price: \$54.75

61-410-012 Graphics/Blank/Day Cards/kite, clouds, etc*

Price: \$15.45

61-410-004 Day Numbers*

Price: \$16.30

61-410-014 Black Self-Adhesive Hook Material*

Price: \$5

61-410-006 Year Cards*

Price: \$14.85

61-410-015 White Self-Adhesive Loop Material*

Price: \$8.90

61-410-008 Months (Jan-Jun)*

Price: \$17

61-410-017 Instructions, Print

Price: \$8.90

61-410-010 Months (July-Dec)*

Price: \$17

61-410-011 Graphics/Blank/Day Cards/umbrella, flag, etc.*

Price: \$20.70

35-016-566 Instructions, CD*

Price: \$5

1-08857-00 DRAFTSMAN TACTILE DRAWING BOARD



61-151-070 Tactile Drawing
Tool
Price: \$8.10

61-154-061 Tactile Ruler
Price: \$19.40

1-08551-00 ENVISION I DISTANCE KIT



61-320-007 Distance Card Pack
Price: \$60.05

1-08552-00 ENVISION II NEAR MAGNIFICATION KIT



61-320-019 Emu Puppet
Price: \$25.35

1-08651-00, 1-08652-00 EXPANDABLE CALENDAR BOXES



61-142-003 U-Channel,

1/2 x 8.5 in., Black

Price: \$8.60

61-142-006 Black Foam

Boxes w/U-Channels

Price: \$104.39

61-142-004 U-Channel,

1/4 x 4 in., White

Price: \$5.30

61-142-007 White Foam

Boxes w/U-Channels

Price: \$106

61-142-005 U-Channel,

1/2 x 8.5 in., White

Price: \$7.20



1-08420-00 FINE MOTOR DEVELOPMENT MATERIALS: TWIST, TURN, AND LEARN



61-135-001 Fun Flower

Price: \$133.40

61-135-052 Black Self-

Overlay, Yin Yang/Half & Half

Price: \$10.05

61-135-014 Clown Pull

Price: \$116.10

61-135-054 Hook/Loop Pull

Price: \$71.75

61-135-027 Rattle

Price: \$86.50

61-135-058 Hidden Pocket

Price: \$52.05

61-135-034 Happy Airplane

Price: \$88.90

61-135-063 Strap, Support

Price: \$5.65

61-135-040 Bell Chime

Price: \$75.50

61-135-064 Bag, Yellow

Price: \$41.65

61-135-047 Spinner

Price: \$58

61-135-051 Cross/Spiral

Overlay

Price: \$10.05

1-08280-01 FOCUS IN MATHEMATICS KIT, 2ND EDITION



61-115-060 Pk. F (Wooden Cubes)

Price: \$18.40

61-115-073 Pk. I (Height Cylinders)

Price: \$16.80

61-115-081 Pk. J (Width Bars)

Price: \$9.45

61-115-088 Pk. K (Weighted Containers)

Price: \$37.65

61-115-232 Activity Sheets

Price: \$44.15

61-115-234 Pk. A (Corks, Wiffle Balls, Clothespin, etc.)

Price: \$28.50

61-115-235 Pk. B (Nuts, Bolts and Washers)

Price: \$6.55

61-115-236 Pk. C (Knives, Forks, and Spoons)

Price: \$5.50

61-115-237 Pk. E (Irregular Shape Puzzles)

Price: \$10.25

61-115-239 Pk. X (Raised Shape Count Cards)

Price: \$68.20

61-115-240 Pk. Y (Raised Shape Number Cards)

Price: \$68.20

61-115-241 Pk. D (Geometric Shapes)

Price: \$101.75

61-115-274 Pk. T (Base Ten Blocks, Rods)

Price: \$7.20

61-115-275 Pk. U (Base Ten Blocks, Flats)

Price: \$7.95

61-115-277 Pk. R (Pop Cubes)

Price: \$16.70

61-115-278 Pk. S (Base Ten Blocks)

Price: \$7.05

61-115-279 Pk. W (Diagram Strips and Geometric Shapes)

Price: \$30.95

61-115-280 Pk. H (Length Sticks)

Price: \$9.10

61-402-051 Pk. L (Felt Board)

Price: \$8.80

61-421-090 Pk. V (Tactile Token Set)

Price: \$16.90

1-03290-00 FRACTIONAL PARTS OF A WHOLE SETS



61-213-006 Plastic Form Boards

Price: \$18.45

61-213-008 Circles

Price: \$25.20

61-213-018 Guide, Print

Price: \$12.35

61-213-023 Work Tray

Price: \$22.15



1-08440-00 GAME KIT



61-131-002 Square Line Game Board

Price: \$35.95

61-131-003 Maze Line Game Board

Price: \$36.65

61-131-005 Straight Line Game Board

Price: \$13.75

61-131-015 Draw/Discard Rack

Price: \$33.50

61-131-035 Suggested Uses Booklet, Print

Price: \$8

61-131-036 Manual, Print

Price: \$63.35

61-131-045 Materials Bag with 4 dice and 6 game tokens

Price: \$15.65

61-131-142 Packed Storage Box*

Price: \$66.75

61-131-143 Spinner Assembly

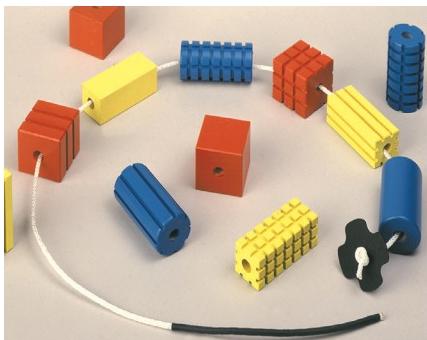
Price: \$53.45

*Storage box packed with: Spinner Overlay Set, Index Cards, Dice Shaker Cup, Card Holder Set, Materials Bag (available separately, \$16.50), Game Token Set, and Standard Braille Dice.



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

1-03780-00 GIANT TEXTURED BEADS



61-210-021 Red Cube,

Smooth

Price: \$5.45

61-210-026 Yellow Rectangle,

Grid

Price: \$5.45

61-210-022 Red Cube,
Striped

Price: \$5.45

61-210-027 Blue Cylinder,
Smooth

Price: \$5.45

61-210-023 Red Cube, Grid

Price: \$5.45

61-210-028 Blue Cylinder,

Striped

Price: \$5.45

61-210-024 Yellow Rectangle,
Smooth

Price: \$5.45

61-210-029 Blue Cylinder,
Grid

Price: \$5.45

61-210-025 Yellow Rectangle,
Striped

Price: \$5.45



WARNING: Strangulation Hazard—Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.



1-03260-00 HANDS ON KIT



61-128-002 Work Tray (A)

Price: \$37.70

61-128-007 Multi-Section Tray

(F) (does not include insert)

Price: \$37.70

61-128-004 Sorting Tray (B)

Price: \$37.70

61-128-008 Flashlight Insert

Price: \$10.90

61-128-005 Bowl Tray (C)

Price: \$37.70

61-128-011 Foam Tray (E)

Price: \$34.30

61-128-006 Sorting Tray (D)

Price: \$37.70

61-128-026 Bag w/Small Parts

Price: \$91.35

1-03105-00 HUNDREDS BOARDS



61-219-001 Grid Board

Price: \$55.65

61-219-002 Number Board

Price: \$55.65

61-219-003 Teacher's Booklet, Print

Price: \$5.25

61-219-004 Teacher's Booklet, Braille

Price: \$22

61-219-006 Bag of Red Circles

Price: \$7.85

61-219-007 Bag of Blue Squares

Price: \$7.85

61-219-008 Bag of Yellow Stars

Price: \$7.85

61-219-009 Bag of Green Triangles

Price: \$7.85

61-220-029 VELCRO® brand Black Adhesive-Backed Hook Patch

Price: \$5

61-220-030 Bag of VELCRO® brand Hook Squares

Price: \$6.70

61-220-031 VELCOIN® brand white Adhesive loop dots

Price: \$5



1-08670-00 LIGHT BOX MATERIALS, LEVEL I



61-156-084 Threading Beads

Price: \$63.65

61-156-098 Vinyl Sheet Set

Price: \$43.15

61-156-099 Pattern Set/ Stripes, Checks, Dots

Price: \$54.85

61-156-110 Plastic Tumblers

Price: \$18.20

61-156-149 Carry Bag with Cardboard Inserts

Price: \$37.85

61-156-173 Face Puzzle

Price: \$27

61-156-174 Ball Puzzle

Price: \$41.85

61-156-175 Background Set w/Opaque Shapes

Price: \$73.30

1-08680-00 LIGHT BOX MATERIALS, LEVEL II



- 61-157-022 Colored Cube Set
Price: \$181.60
- 61-157-031 Black Opaque Sticks
Price: \$79
- 61-157-042 Parquetry Piece Set
Price: \$85.95
- 61-157-091 Pattern Guide/Blank Set/Black Geometric Shapes
Price: \$20
- 61-157-112 Stencil/Blanks, Set D/Hairbrush, Shirt, Bear, etc.
Price: \$20
- 61-157-113 Stencil/Blanks, Set E/Banana, Spoon, Sock, etc.
Price: \$17.85
- 61-157-114 Stencil/Blanks, Set F/Apple, Ice Cream Cone, etc.
Price: \$17.85
- 61-157-142 Overlays/Yellow, Clear, Black Background Flexible Sheet
Price: \$45.85
- 61-157-176 Outline Shape Cards
Price: \$49.90
- 61-157-192 Raised Outline Shape Cards
Price: \$18.50
- 61-157-201 Blank Vinyl Cards
Price: \$26.20
- 61-157-206 Pocket Page, 3-Pocket
Price: \$5
- 61-157-207 Pocket Page
Price: \$5.25
- 61-157-208 3-Ring Binder
Price: \$18.15
- 61-157-213 Carry Bag with Inserts
Price: \$63.35
- 61-157-243 Foam Grid Set/ Black Square Cutouts
Price: \$40.55



1-07520-00 WALK/RUN FOR FITNESS KIT



- 61-191-002 Personal Guidewire System
Price: \$94.15
- 61-191-005 Shoulder Sling Carrying Pack
Price: \$13.60
- 61-191-014 Talking Pedometer Pack
Price: \$55
- 61-191-015 Accessory Pack
Price: \$21.85

1-08690-00 LIGHT BOX MATERIALS, LEVEL III



- 61-157-142 Overlays/Yellow,
Clear, Black Background,
Flexible Sheet
Price: \$45.85
- 61-169-001 Graphics Cards
Price: \$579.20
- 61-169-254 Blank Cards
Price: \$20.65
- 61-169-339 Puzzle/Tray
Price: \$11.10
- 61-169-341 Lotto Tray
Price: \$8.55
- 61-169-342 Bingo Tray
Price: \$16.10
- 61-169-343 Domino Tray
Price: \$5
- 61-169-344 Game Tray
Price: \$27.95
- 61-169-345 Card Holder
Price: \$26.15
- 61-169-346 Spinner Game
Price: \$28.55
- 61-169-347 Clock
Price: \$59.30
- 61-169-361 3-Ring Binder for
Pocket Pages
Price: \$32.40
- 61-169-367 Tote Bag with
Padding
Price: \$76.55
- 61-169-415 Printed Pocket
Page/Inserts for Binder
Price: \$124.50
- 61-169-416 Game Token/Card
Cover Set
Price: \$29.15



7-03560-00 MATHBUILDERS UNIT 1: MATCHING, SORTING, AND PATTERNING



- 61-421-051 Manipulatives Set*
Price: \$226.75

*Includes: Shapes Set, Bell Bracelet, Pack H (Red Length Sticks), Rattle, Bag B (Textured Shapes), Embossed Point Symbol Sticker Pack, Felt Board.

ALL MATHBUILDERS KITS:



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT PARTS CATALOG

7-03562-00 MATHBUILDERS UNIT 5: MEASUREMENT AND ESTIMATION



61-421-065 Manipulatives Set*

Price: \$236.85



7-03563-00 MATHBUILDERS UNIT 6: GEOMETRY



61-421-071 Manipulatives Set*

Price: \$291.70



7-03564-00 MATHBUILDERS UNIT 7: FRACTIONS, MIXED NUMBERS, AND DECIMALS



61-421-083 Manipulatives Set*

Price: \$265.90



*Includes: Fraction Bars Set, Decimal Bars Set, Tactile Token Set, Carry Box, Circles Set, Fractions Circles Tray, Fractions/Decimal Bars Tray.

REPLACEMENT PARTS CATALOG

7-03565-00 MATHBUILDERS UNIT 8: DATA COLLECTION, GRAPHING, AND PROBABILITY/STATISTICS



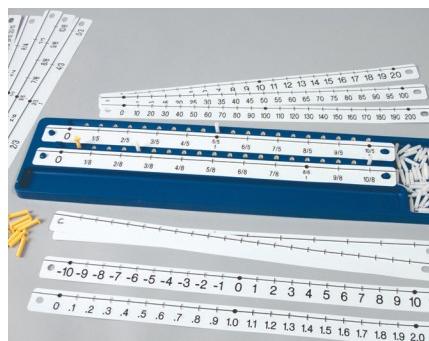
61-421-091 Manipulatives Set*

Price: \$160.25

*Includes: Numbers Sticker Pack, Spinner, Carry Box, Graphing Grid Tray (2x7 squares), Graphing Grid Tray (6x6 squares), Graphing Squares/Rectangles, Spinner Overlays.



1-03480-00 NUMBER LINE DEVICE



61-267-037 Directional Pegs

Price: \$6.95

61-267-038 Vinyl Scales

Price: \$74.50



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



1-08838-00 PICTURE MAKER: WHEATLEY TACTILE DIAGRAMMING KIT



61-151-167 Diagramming Strips

Price: \$44

61-151-171 Accent Pieces

Price: \$11

61-151-168 Textured Shapes

Price: \$51.25

61-314-026 Felt Board

Price: \$39.15

61-151-170 Binder Inserts

Price: \$5



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT PARTS CATALOG

1-03420-00 PEG KIT



*Number of grooves on peg.

- | | |
|---------------------------|------------------------------|
| 61-250-001 Yellow Peg, 1* | 61-250-007 Blue Peg, 2* |
| Price: \$5 | Price: \$5.35 |
| 61-250-002 Yellow Peg, 3* | 61-250-008 Blue Peg, 3* |
| Price: \$5.35 | Price: \$5 |
| 61-250-003 Red Peg, 1* | 61-250-009 Yellow Peg, 2*s |
| Price: \$5.35 | Price: \$5 |
| 61-250-004 Red Peg, 2* | 61-250-010 Peg Kit Container |
| Price: \$5 | Price: \$27.45 |
| 61-250-005 Red Peg, 3* | 61-250-015 Frames |
| Price: \$5 | Price: \$10.80 |
| 61-250-006 Blue Peg, 1* | |
| Price: \$5 | |



1-03721-00 PUZZLE FORM BOARD KIT



- | | |
|------------------------------|---------------------------|
| 61-225-024 Red Puzzle Pcs | 61-225-049 Diamond Tray |
| Price: \$42.30 | Price: \$9.10 |
| 61-225-025 Yellow Puzzle Pcs | 61-225-050 Triangle Tray |
| Price: \$42.30 | Price: \$9.10 |
| 61-225-026 Blue Puzzle Pcs | 61-225-051 Rectangle Tray |
| Price: \$42.30 | Price: \$9.10 |
| 61-225-048 Square Tray | 61-225-052 Circle Tray |
| Price: \$9.10 | Price: \$9.10 |



1-08854-00 SAM: SYMBOLS AND MEANING



- | | |
|---|-----------------------|
| 61-155-003 Plastic Pages for Object Books | 61-155-017 Story Bags |
| Price: \$42.85 | Price: \$24 |
| 61-155-016 Collapsible Basket | |
| Price: \$19.05 | |



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT PARTS CATALOG

1-08462-00 SCATTERED CROWNS



- | | |
|---|---|
| 61-133-102 Attribute Roller,
3-Part
Price: \$42.20 | 61-133-107 Black Masking
Card Set
Price: \$19.50 |
| 61-133-103 Attribute Roller,
Single
Price: \$35.70 | 61-133-108 Crown Collector
Set
Price: \$38.40 |
| 61-133-106 Crown Game
Piece Set
Price: \$49.40 | 61-133-109 Instructions, Print/
Braille
Price: \$18.80 |



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



1-03650-00 SEATED PARQUETRY SET



- | | |
|--|---|
| 61-285-012 Instructions, Print
Price: \$8.80 | 61-285-020 Blue Pieces
Price: \$6.90 |
| 61-285-015 Red Pieces
Price: \$6.90 | 61-285-052 Boards, Set A
Price: \$51.35 |
| 61-285-016 Yellow Pieces
Price: \$6.90 | 61-285-053 Boards, Set B
Price: \$51.35 |
| 61-285-017 Purple Pieces
Price: \$6.90 | 61-285-054 Boards, Set C
Price: \$51.35 |
| 61-285-018 Green Pieces
Price: \$6.90 | 61-285-055 Boards, Set D
Price: \$51.35 |
| 61-285-019 Brown Pieces
Price: \$6.90 | 61-285-056 Boards, Set E
Price: \$51.35 |

REPLACEMENT PARTS CATALOG

1-08611-00 SENSORY LEARNING KIT



61-112-041 Bell Bracelet

Price: \$5

61-141-055 Colored Lenses

Price: \$7.35

61-141-013 Ice Pack

Price: \$12.35

61-141-073 Mirror with Stand

Price: \$17.25

61-141-021 Massager

Price: \$12.45

61-141-121 Tactile Roller Set

Price: \$13.25

61-141-054 Flashlight

Price: \$14.25

61-141-202 Fan

Price: \$26.30



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



1-08853-00 SETTING THE STAGE FOR TACTILE UNDERSTANDING



61-154-014 Object Cards

Price: \$14.35

61-154-017 Tactile House Model

Price: \$10.75

61-154-015 Raised-Line Picture Cards

Price: \$14.35

61-154-018 Black Line Masters

Price: \$5.50

61-154-016 Tactile House Views

Price: \$35.50

61-154-019 Sorting Tray

Price: \$39.75

61-154-031 Objects and Acc.

Price: \$56.75



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



1-08960-00 STACKUPS



61-361-002 Stacked Cube Arrangement Card Set

Price: \$130

61-361-006 Mat Plan Card Set

Price: \$138.15

61-361-003 Raised Line Grid Pack

Price: \$51.55

⚠️ WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT PARTS CATALOG

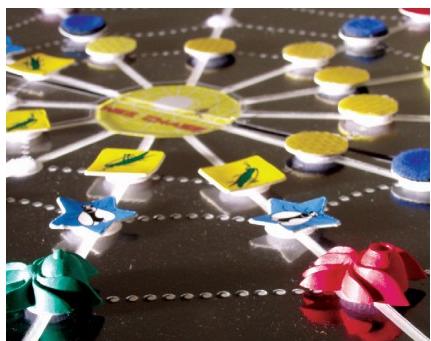
1-08851-00 TACTILE GRAPHICS KIT



- | | |
|---|---|
| 61-151-011 Modeling Stick, for Clay
Price: \$5 | 61-151-057 Tong Tool, B-point
Price: \$8.60 |
| 61-151-035 Carrying Case
Price: \$28.90 | 61-151-058 Tong Tool, C-point
Price: \$8.60 |
| 61-151-040 Tactile Graphics Hammer
Price: \$23.65 | 61-151-059 Tong Tool, D-point
Price: \$8.60 |
| 61-151-048 Areal Pattern, #1
Price: \$5 | 61-151-060 Tong Tool, E-point
Price: \$8.60 |
| 61-151-049 Areal Pattern, #2
Price: \$5 | 61-151-061 Tong Tool, F-point
Price: \$8.60 |
| 61-151-050 Areal Pattern, #3
Price: \$5 | 61-151-062 Tong Tool, G-point
Price: \$8.60 |
| 61-151-051 Areal Pattern, #4
Price: \$5 | 61-151-068 Tool Pouch
Price: \$8.60 |
| 61-151-056 Tong Tool, A-point
Price: \$8.60 | 61-151-072 Roller Tool
Price: \$7.65 |
| | 61-151-074 Vent Tool
Price: \$8.95 |



1-08460-00 WEB CHASE



- | | |
|--|---|
| 61-131-027 Tactile Dice
Price: \$5 | 61-133-025 Spider Tokens
Price: \$7.30 |
| 61-133-019 Divided Card Holder
Price: \$14.70 | 61-133-026 Textured Prey
Price: \$56.50 |
| 61-133-021 Player Lunch Trays
Price: \$45.45 | 61-133-027 Shape Prey
Price: \$77.10 |
| 61-133-022 Obstacle/Advantage Card Deck
Price: \$40.15 | 61-133-029 Instructions, Print/Braille
Price: \$15.55 |



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT PARTS CATALOG

1-03135-00 TACTILE TOWN: 3-D O&M KIT



61-221-001 Bag A, Buildings	61-221-004 Bag D*, Grassy Sections
Price: \$66.80	Price: \$173.90
61-221-002 Bag B*, Street/Scenery Set	61-221-005 Bag E*, Print/Braille Labels
Price: \$75.80	Price: \$37.50
61-221-003 Bag C*, 3-D Components	
Price: \$52.45	

*Bag B contains: Pond, Railroad Track, Crosswalk Set, Dividing Lane/Median, Sidewalk Set, Splitter Island, Road Dashes, Arrows Set. Bag C contains: Pond, Railroad Track, Crosswalk Set. Bag D contains: Sewn Grassy Sections Set, hook/loop material dots. Bag E contains: hook/loop material dots and labels: Location, Street Name, Direction, Zoos, Personal Name.



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.



1-08152-00 TOAD KIT



61-141-073 Mirror w/ Stand	61-357-034 Billy Bird Puppet
Price: \$17.25	Price: \$25.35
61-257-004 Tangle Toy	61-357-039 Lucite Triangle Puzzle Set
Price: \$21.25	Price: \$67.70
61-314-026 Felt Board	61-357-051 Accessory Pack #1
Price: \$39.15	Price: \$47.40
61-357-001 Foam Puzzle Set/Apple, Butterfly, Snowflake, Sock, Star	61-357-052 Accessory Pack #2
Price: \$83.65	Price: \$24.60
61-357-002 Foam Squares Set	61-357-053 Accessory Pack #3
Price: \$6.65	Price: \$46.80
61-357-028 Mylar Pompon	61-357-055 Guide, Braille
Price: \$19.65	Price: \$5



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without supervision.

REPLACEMENT PARTS CATALOG

1-01140-00 U.S. PUZZLE MAP



61-050-001 Gray States
(AL, AK, AZ, MO, NH, NJ/DE,
ND, OH)

Price: \$103.15

61-050-004 Yellow States
(AR, CA, CO, CT/ RI: 2 ea.,
GA, IA, ME, MI, MT, VA)

Price: \$104.65

61-050-002 Orange States
(FL, ID, IN, MS, NC, OK, PA,
SD, VT)

Price: \$103.15

61-050-005 Purple States
(HI, KY, MD, MA: 2 ea., NE,
OR, SC, TX, UT, WI)

Price: \$104.65

61-050-003 Green States
(IL, KS, LA, MN, NV, NM, NY,
TN, WA, WV, WY)

Price: \$104.65

61-050-007 Masking Overlay
Sheets

Price: \$12.65



WARNING: Choking Hazard—Small Parts. Not intended
for children ages 5 and under without supervision.



1-03690-00 WOODEN CONSTRUCTO JUNIOR SET



61-241-001 23 in. Length

Price: \$14.75

61-241-004 Right Angle Joint

Price: \$12.75

61-241-002 16 in. Length

Price: \$14.45

61-241-015 Bolt

Price: \$5

61-241-003 9 in. Length

Price: \$11.75

61-241-016 Nut

Price: \$5



WARNING: Choking Hazard—Small Parts. Not intended
for children ages 5 and under without supervision.

OTHER SERVICES FROM APH

OTHER SERVICES FROM APH

This section contains information on selected services offered by APH. For complete information about APH services, please visit www.aph.org or call 1-800-223-1839.

APH NEWS – YOUR APH CONNECTION

One of the best ways to learn about new products, services, and resources at APH!

To automatically receive your monthly link to the APH News, send an email to:
aphinfo-request@iglou.com

Include the following in the body of the email: “subscribe” (without the quote marks). Leave the subject line blank.



APH INSIGHTS ANNUAL JURIED ART COMPETITION AND EXHIBITION

Each year APH sponsors a juried art competition and exhibition designed exclusively for blind and visually impaired artists of all ages. From the hundreds of entries received, works are chosen for exhibition at APH's Annual Meeting and on our website. Award winners are selected in each of nine categories; media may include sculpture, pottery, weaving, photographs, prints, paintings, etc. Artwork is judged on originality of concept, expressive use of media, and artistic excellence.

To enter APH InSights, contact the Special Programs Coordinator, Email: insights@aph.org



FRED'S HEAD FROM APH

Explore the collective ideas and experiences of blind and visually impaired people by visiting the “Fred’s Head from APH” blog. You’ll find thousands of tips, techniques, tutorials, in-depth articles, and resources to help you solve everyday difficulties, plus detailed explanations of more complex issues that may challenge you. Receive newly published articles via: email, RSS, or Twitter.

CONTRIBUTE TO FRED’S HEAD!

Please contact us if you have suggestions for updating an existing article or adding a new article. You can also comment on articles by using the provided link at the bottom of each posting. Email us at fredshead@aph.org

continued...

OTHER SERVICES FROM APH

JOIN WITH APH FOR PRODUCT TRAINING

APH staff are available to conduct free or low cost training sessions, presentations, and workshops on the availability, instructional methods, and prescriptive use of aph products. These presentations and workshops are custom designed to meet your needs and are scheduled through the Education and Outreach Department. Additional in-depth training is available through our National Instructional Partnerships (NIP) events. NIP events provide comprehensive training across the areas of the Core Curriculum and the Expanded Core Curriculum and highlight the use of APH products to teach specific skills in those areas. APH provides expert presenters and our partners work with us to promote events, provide meeting space, assist with event logistics, and more.

Please contact Janie Blome for more information. 800-223-1839 ext. 367 or jblome@aph.org



VISIT OUR MUSEUM!

Explore the fascinating educational history of people with vision loss when you visit our Museum, where innovations, inventions, and products that have made a difference are on exhibit, from the earliest tactile books to digital technology. Learn about the many individuals whose ideas and efforts have shaped that history about the unique role of the American Printing House for the Blind (APH), the largest manufacturer of educational products for people who are blind and visually impaired.

Guided tours of the APH factory are also available and take you behind the scenes where braille and tactile graphics are produced and audio books are recorded. It's FREE!

Museum Hours (EST)

Monday-Friday, 8:30 a.m. to 4:30 p.m.

Saturday, 10:00 a.m. to 3:00 p.m.

Closed on holidays and Derby Day

Factory/Museum Tour Hours

Monday-Thursday, twice daily, at 10:00 a.m. and 2:00 p.m.

Advanced reservations are required for groups of 10 or more.

Length of tour: approximately 1 1/2 hrs.

For more tour information, contact the APH Government and Community Affairs Department: 502-895-2405, ext. 242 or 1-800-223-1839.

NEED ACCESSIBLE MATERIALS? APH CAN CUSTOM-MAKE THEM FOR YOU!

APH can create braille, tactile graphics, enlarged print, or audio materials to your specifications. Our state-of-the-art processes and exacting standards allow us to create custom materials for your clients, customers, shareholders, and employees who are blind and visually impaired. This enables your materials to be ADA-compliant.

Please contact the APH Contract Administration Dept. for a no-obligation cost estimate on your next project. 800-223-1839 or Email: contracts@aph.org

FINDING TACTILE GRAPHICS TEMPLATES IS EASIER THAN EVER!

APH offers the free Tactile Graphic Image Library database. Teachers, transcribers, students, families, and paraprofessionals are able to register to use the image library to find and download tactile graphics that can be enhanced for your needs. Search the database by category or keyword. Offers 3D images and designs for the Tiger® Embosser.

Sign up for FREE to use the database at www.aph.org/tgil/

ACCESSIBLE TESTS AND TEXTBOOKS DEPARTMENT

Accessible Tests and Textbooks, offers a wide range of services. For more detail about any of these services, please visit www.aph.org/tests-and-textbooks/

ACCESSIBLE TESTS: EXTENSIVE SERVICES OFFERED

APH is prepared to assist with all phases of test accessibility, from item development and bias review through production, shipping, and product support. Tests offered through this department can be ordered in hard copy braille, large print, enlarged print, and digital formats. Accessible Tests also reviews online testing for accessibility to ensure all tests are accessible for all customers.

ACCESSIBLE TEXTBOOKS: THE ACCESSIBLE MEDIA YOU NEED

APH responds to the textbook needs of students who are blind and visually impaired by delivering custom-produced accessible textbooks in a variety of media in a timely manner. Accessible Textbooks staff processes all new textbook orders. We offer these media for textbooks:

BRAILLE TEXTBOOKS, HARD COPY AND DIGITAL:

Includes hard copy braille textbooks, as well as downloadable braille-ready files. Accompanying tactile graphics are available for purchase.

LARGE PRINT TEXTBOOKS, HARD COPY AND DIGITAL:

Includes APH Traditional Enlargement Process and APH Large Print Process. Large print textbooks can also be used on digital reading devices such as iPad®, Kindle®, Book Port™, Braille Plus 18™, and more. Many of the large print e-files contain image descriptions.

FOR QUESTIONS ABOUT ACCESSIBLE TESTS OR TEXTBOOKS, PLEASE CONTACT:

Jane Thompson, Director, Accessible Tests and Textbooks Dept.
502-899-2370 • jthompson@aph.org • atic@aph.org

OTHER SERVICES FROM APH

MAGAZINE SUBSCRIPTIONS

MAGAZINE	ACCESSIBLE FORMAT	ANNUAL SUBSCRIPTION FEE (optional)
<i>Reader's Digest</i> [®]	Braille	\$174
	Cassette Tape (15/16, 4-track)	\$18
	Digital Flash Cartridge	\$33
	Digital Download	Donation
<i>Newsweek</i> [®]	Cassette Tape (15/16, 4-track)	\$90
	Digital Download	Donation
<i>Scholastic News</i> [®]	Braille	call 800-223-1839, ext. 2
	Large Print	call 800-223-1839, ext. 2

APH provides free Readers Digest or Newsweek in accessible formats for blind and visually impaired people across the country. If you or someone you know would benefit from this free service, please contact Customer Service at 1-800-223-1839 or magazines@aph.org. Gift subscriptions are available at the above rates. Non-U.S. citizens MUST pay the above subscription rates. Contributions to defray costs are welcomed.

Cassette and Flash Cartridge editions require a Talking Book-type tape player, which plays specially recorded tapes. These players are available on a free loan basis from the library in your state that serves visually impaired or physically disabled readers.

APH offers several versions of Scholastic News (formerly Weekly Reader) in both large print and braille: 2nd Grade, 3rd Grade, Senior (Grades 4th, 5th, and 6th), Junior Scholastic, and Science World. **Note:** Scholastic News is not offered free-of-charge.

For more information or to support APH's accessible magazine program, call 1-800-223-1839, ext. 2 or visit www.aph.org/development/magazines/ The American Printing House for the Blind, Inc. is a 501(c)(3) nonprofit organization. Gifts are tax-deductible.

Note: Reader's Digest, Large Print Edition is not published by APH, but is available directly from The Reader's Digest Large Print Edition / P.O. Box 8177 / Red Oak, IA 51591 / 1-800-807-2780 / www.rd.com

Reader's Digest is a trademark of The Reader's Digest Association, Inc.; Newsweek is a trademark of Newsweek, Inc.; Scholastic News is a trademark of Scholastic News Corporation.

CORTICAL VISUAL IMPAIRMENT: WEBSITE AND APH PRODUCTS

WEBSITE OFFERS A WEALTH OF CVI INFORMATION

APH offers free information about Cortical Visual Impairment (CVI) to consumers via the web. Sections include a definition of CVI, intervention strategies, advocacy and resources, and many more.

The website is an evolving resource of current knowledge on this leading cause of blindness. It provides information from medical, educational, and parental perspectives, as well as allowing an open door to communicate on the topic.

To explore the CVI website, go to www.aph.org/cvi/

SUGGESTED APH PRODUCTS FOR USE WITH CHILDREN WITH CVI

Some products that may be appropriate for use with children who have Cortical Visual Impairment:

All-In-One-Boards: 1-08833-00, 1-08836-00	114
Increasing Complexity Pegboard: 1-08160-00	116
Invisiboard: 1-08541-00	120
Light Box: 1-08660-00	121
Light Box Materials Kit, Level I: 1-08670-00	122
Light Box Materials Kit, Level II, full kit: 1-08680-00	123
Pegs/Pegboard: 1-08665-00	
Familiar Object Picture Cards: 1-08666-00	
Mini-Lite Box: 1-08661-00	122
Mini-Lite Box Transparent Overlays: 1-08662-00	122
Picture Maker: Wheatley Tactile Diagramming Kit: 1-08838-00	132
ReadWrite Stands: 1-03206-00, 1-03207-00	95
Sensory Learning Kit (SLK): 1-08611-00	31
Spinner Overlays for the Light Box: 1-08692-00	121
Swirly Mats: CVI: 1-08153-00	125
Swirly Mats II: CVI: 1-08158-00	125
TADPOLE Kit (selected items): 1-08155-00	9
ToAD Kit (selected items): 1-08152-00	10
VIPS@Home Parent Empowerment Program: 8-00075-00, 8-00076-00, 8-00078-00	30-31

OTHER SERVICES FROM APH

AYUDA A NUESTROS CLIENTES EN ESPAÑOL

Nota para nuestros clientes hispano hablantes:

Nos complace proporcionar servicio al cliente en español por medio de correo electrónico.

podemos ayudarle con sus preguntas acerca de pedidos, devoluciones, reparaciones o cualquier otra duda que usted tenga.

¿Sabía que APH ofrece cada vez más productos en español? Búsque estos productos en nuestra página de internet, o pida información a nuestros representantes.

Usted es muy importante para nosotros, gracias.

El personal de la American Printing House for the Blind, cs@aph.org

APH OFRECE CIERTOS PRODUCTOS Y MANUALES EN ESPAÑOL.

Boehm-3 Big Picture Kit (manual and record forms), 1-03880-00; 1-03883-00	7-8
Child-Guided Strategies: 1-31001-SP	18
Classroom Calendar Kit: 1-18973-00	92
Light Box Materials Activity Guides	
Level I: 7-08670-SP	122
Level II: 7-08680-SP	123
Level III: 7-08690-SP	123
Tactile Connections Guidebook: 7-08837-SP	87
Zeitgeist Talking Time Machine: 1-03974-SP	150

HOW TO ORDER AND RELATED INFORMATION

HOW TO ORDER: AT-A-GLANCE

U.S. CUSTOMERS ORDER ONLINE:

- Go to shop.aph.org for accessible, secure ordering
- System is friendly for synthetic speech and large print users
- One-time, easy account setup
- Purchase on-line using: Credit Card; Purchase Order; or Federal Quota funds

ORDER BY PHONE:

- 800-223-1839, ext. 1: Call toll free (U.S. and Canada) and use a credit card.

ORDER BY MAIL:

- Mail an APH order form*, purchase order, or a letter stating desired items and quantities. Include a check, money order, or credit card number with expiration date and security code.
Note: You can access the appropriate order form by typing the words “order form” in the search field in the top right corner of our website.
- Mail to:
American Printing House for the Blind, Inc.
1839 Frankfort Avenue
Louisville, KY 40206-3152
- IMPORTANT: Checks and money orders must be in U.S. dollars. Kentucky residents include 6% sales tax.

ORDER BY EMAIL:

- Purchase orders can be emailed to po@aph.org

ORDERING FOR AN ORGANIZATION:

- If you have an account established with APH, use your organization’s purchase order; otherwise use a check or credit card. If you are ordering with Federal Quota funds, send a Quota Order Form signed by the Ex Officio Trustee assigned to your account.

SHIPPING METHODS:

- Shipping Methods within the U.S.: Most material ordered by or for people who are visually impaired can be shipped Free Matter for the Blind. Some exceptions apply—please see the detailed ordering information that follows. Purchase orders can be mailed, faxed, or emailed.
- If you wish to use another type of shipping, contact APH before placing the order. APH will give you the cost of shipment based on the items you order and the type of shipment preferred. This amount must be sent along with the purchase price of the items. Please also note on your order the type of shipment you prefer.

HOW TO ORDER AND RELATED INFORMATION

CONTENTS OF THIS SECTION

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HOW TO ORDER: DETAILED INFORMATION

shop.aph.org

American Printing House for the Blind, Inc.
1839 Frankfort Avenue • Louisville, KY 40206-3152
Phone: 502-895-2405 • 800-223-1839 • Fax: 502-899-2284

FOR DOMESTIC CUSTOMERS—ORDERING METHODS AND TERMS OF PAYMENT

ORDERING METHODS—DOMESTIC:

Order by one of the following methods:

- Website: U.S. customers order at shop.aph.org – System is accessible and secure. Purchase on-line using: Credit Card; Purchase Order; or Federal Quota funds. There is a one-time account set-up on our website for credit card orders. For purchase orders or Federal Quota orders, please call us to set up your on-line account. “Quick Order” if you know the catalog numbers.
- Phone: Call toll free in the U.S. or Canada: 1-800-223-1839, ext. 1 between the hours of 8:00 am and 4:30 pm Eastern Time. Use a credit card.
- Mail: An APH Order Form for Individuals or a letter in print or braille. Include either a check, money order, or credit card number with expiration date and security code. Sorry no C.O.D.s.
- Email: A purchase order can be emailed to: po@aph.org
- If you are ordering for an organization: Mail or fax your organization's purchase order.
- If you are ordering with Federal Quota funds: For a residential school, state department of education, rehabilitation agency, or other agency which has been assigned Federal Quota funds, use a Quota Order Form. This form must be signed by the Ex Officio Trustee for your account prior to submission to APH.

HOW TO ORDER AND RELATED INFORMATION

TERMS OF PAYMENT—DOMESTIC

Payment must accompany order (with the exception of purchase orders and Federal Quota orders). APH accepts*:

- Credit Card
- Check
- Money Order
- Purchase orders from organizations. Terms for open account orders are NET 30
- *C.O.D.s are not accepted

Credit Card Orders: Please include the following:

- | | | | |
|---------------|-------------------|-------------------|-------------------|
| • Card type | • Security code | • Phone number | • Billing address |
| • Card number | • Expiration date | • Ship to address | of credit card |

Kentucky State Sales Tax: Residents of Kentucky must send state sales tax along with the purchase price of their orders: Kentucky State Sales Tax: 6%

IMPORTANT: Please note that product prices are subject to change without notice.

FOR CUSTOMERS OUTSIDE OF THE U.S. —ORDERING METHODS & TERMS OF PAYMENT

International customers please order by one of these methods:

- To order by credit card, call 1-502-895-2405, fax 1-502-899-2284, or mail a print or braille letter. Include your credit card number, expiration date, and security code.
- Mail a check from a U.S. bank.
- If you have an established account with APH, mail or fax us your organization's P.O. To establish an account, please call Accounts Receivable: 1-502-895-2405.
- Request a pro forma invoice: Mail or fax a letter of inquiry specifying which products you wish to order. Also include whether you prefer shipment by surface or air mail. We will send you a pro forma invoice showing product prices and shipping costs.
- Request a pro forma invoice online (allow 5 business days to be completed): www.aph.org/products/proforma/

FOR ALL CUSTOMERS— ORDERING INFORMATION NEEDED

Please include the following information when ordering:

- Catalog numbers
- Quantity
- Product names
- Price each
- Total amount of purchase
- Method by which the products are to be shipped
- Kentucky state sales tax, shipping charges, and insurance charges, if applicable (see "Terms of Payment," "Shipping Methods," and "Insurance").
- Total amount due
- APH account number (if you are ordering with a purchase order or Federal Quota)

HOW TO ORDER AND RELATED INFORMATION

SHIPPING METHODS

Shipping Methods within the U.S.: Most items ordered by or for people who are visually impaired will be shipped Free Matter for the Blind, unless otherwise requested.

Note: Certain high-dollar items cannot be shipped Free Matter.

To have items shipped other than Free Matter, write or call APH before placing an order. Tell us the items you wish to order and the type of shipment preferred. APH will then give you the cost of shipment. The shipment cost must be sent along with the purchase price of the items when you mail in the order. Also write on your order the type of shipment you prefer. Shipment choices other than Free Matter within the U.S. include:

- **U.S. POSTAL SERVICE® PRIORITY MAIL:**

2–3 day delivery to any address (including P.O. boxes). No additional charge for Saturday delivery. No Sunday or holiday delivery.

- **U.S. POSTAL SERVICE® EXPRESS MAIL:**

Guaranteed next day delivery to most addresses (including P.O. boxes), 7 days a week, 365 days a year.

- **UNITED PARCEL SERVICE® (UPS) GROUND:**

4–7 day delivery to street addresses only (no P.O. boxes). No weekend or holiday delivery.

- **UPS 3-DAY:**

Guaranteed 3-day delivery to street addresses only (no P.O. boxes). No Saturday, Sunday, or holiday delivery.

- **UPS 2-DAY:**

Guaranteed 2-day delivery to street addresses only (no P.O. boxes). No Saturday, Sunday, or holiday delivery.

- **UPS OVERNIGHT:**

Guaranteed next day delivery to street addresses only (no P.O. boxes). Additional charges for Saturday delivery. No Sunday or holiday delivery.

Note: Order processing time may take up to 5 business days before a product is shipped.

SHIPPING METHODS OUTSIDE OF THE U.S.: Certain items ordered by or for visually impaired people can be shipped to most overseas destinations via Free Matter for the Blind (surface mail). These include books, paper, and slates/styluses. The shipping charges for all other APH items must be paid by the customer. We recommend shipment by Priority Mail International airmail®, as surface mail is slow. All export and/or import duties, brokerage fees, etc., are paid by the customer. Please check with your customs broker to make arrangements in advance.



IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license. Apple, VoiceOver, iPad, iPad mini, eBooks, Mac, and the Apple logo are registered trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. Android, Google Places, Google Play, Google Play logo, Google Books, and Chrome are trademarks of Google Inc., Foursquare® is a trademark of Foursquare Labs, Inc. ("Foursquare") in the U.S. and other countries, Windows is a registered trademark of Microsoft Corporation in the United States and/or other countries. Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries. EPUB is a registered trademark of the IDPF. Readium is a registered trademark of Readium Foundation. Adobe Digital Editions is a registered trademark of Adobe Systems Incorporated in the United States and/or other countries. The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by [licensee name] is under license. Other trademarks and trade names are those of their respective owners. VELCRO®, VELTEX®, and VELCOIN® are registered trademarks of Velcro Industries B.V. SD is a trademark or registered trademark of SD-3C, LLC in the United States, other countries or both.

HOW TO ORDER AND RELATED INFORMATION

TWO WAYS TO ORDER APH SOFTWARE FOR WINDOWS

APH offers two convenient ways to order most of our software* for Windows® products.

- Order the CD-ROM** via website, toll-free, or mail.
- Purchase the program through Digital Download. Download the demo version of the software from our website tech.aph.org Call 800-223-1839 and give us your credit card number. Within 24 hours, we will give you a code key that transforms your demo copy of the software into a full copy.

*All software purchases are non-refundable and non-returnable.

**CD-ROM and Digital downloads are also available to Federal Quota and Purchase Order customers via fax, email, or mail.



TO PURCHASE MULTIPLE LICENSES FOR TALKING TYPER FOR WINDOWS SOFTWARE:

- Place your order using a credit card, purchase order, or Federal Quota order. Please specify the exact number of licenses needed. Specify a registration name that APH will use to assign a key code to your licenses.
- Follow one of the two steps in box on previous page.
- Your receipt from the transaction is your license to place the software on the appropriate number of computers, up to the maximum number of machines that you specified.



ORDERING APPS FOR IOS DEVICES USING QUOTA OR NON-QUOTA FUNDS

HOW TO PURCHASE APPS FOR IOS DEVICES WITH QUOTA FUNDS:

- Ordering: Ex Officio Trustees can submit a signed Quota order for one or more licenses [Math Robot, Talking Typer, Nearby Explorer] to APH by fax or mail. Please provide a contact person's email address or phone number on your order. **Note:** At this time, APH mobile apps cannot be ordered online using Quota funds.
- Receiving: APH will email an Apple Content Code for each license that you order. You will also receive a hard copy confirmation of each code printed on the invoice that APH mails to you.
- Distribution: EOTs are responsible for distributing Apple Content Codes to those teachers or others in their states who have ordered [Math Robot, Talking Typer, Nearby Explorer] on Quota.
- How to Install: The end user will install [Math Robot, Talking Typer, Nearby Explorer] with their Apple Content Code by: using his or her iOS device > open App Store > select the "Featured" tab > scroll to the bottom of the Featured screen > select "Redeem" > enter the password for the device > follow instructions on Redeem screen.

continued...

HOW TO ORDER AND RELATED INFORMATION

HOW TO PURCHASE APPS FOR IOS DEVICES USING NON-QUOTA FUNDS

- Purchase from Apple Using Non-Quota Funds: You have the option to purchase [Math Robot, Talking Typer, Nearby Explorer] from the App Store using non-Quota funds.



TO PURCHASE NEARBY EXPLORER APP FOR ANDROID DEVICES FROM THE APH FILE REPOSITORY:

Note: Nearby Explorer IS available with Federal Quota funds! All Quota purchases must be made via the APH File Repository, the Google Play site cannot be used for Quota purchases.

Direct link to the Nearby Explorer app in the APH File Repository:

louis.aph.org/product/Nearby-Explorer,142793.aspx?FormatFilter=8

For general information about registering and purchasing files from the APH File Repository, please visit: louis.aph.org/pages/AboutE_Files.aspx

TO PURCHASE FROM THE GOOGLE PLAY APPLICATION SITE USING NON-QUOTA FUNDS:

Note: cannot use Quota funds through Google Play.

Direct link to the Nearby Explorer app in Google Play:

<https://play.google.com/store/apps/details?id=org.aph.avigenie>

For general information about registering and purchasing files from Google Play, please visit: <https://play.google.com/store/apps>



NOTES ABOUT EPUB FILES

After you receive the email from APH containing the link to the CVI Complexity Sequences eBook:

- If you click on this link from an iOS® or Android™ device, the title will open in iBooks for iOS or Google Books™ for Android.
- On iBooks for Mac, it will open the title.
- On Windows® operating system or Linux® operating system, you will need to download and install an EPUB reader before you can read this title, such as the Readium™ extension for the Chrome™ Browser.
- Adobe® Digital Editions does not support the interactive features built into this particular title, although the text reads correctly.

HOW TO ORDER AND RELATED INFORMATION

RETURNS POLICY

DEFECTIVE MERCHANDISE:

APH makes every effort to inspect merchandise before it leaves our facility. If by chance you do receive an item which is defective, we will repair or replace it at no cost to you (we reserve the right to choose whether we will repair or replace the item). In the case of items that have a specific warranty, we must be notified within one year of the date the item was shipped to the end user. In the case of items that do not have a specific warranty, we must be notified within 30 days of the date the item was shipped to the end user. For more information on warranties, please refer to the following section.

OTHER RETURNS:

We want you to be satisfied! You may return most APH products for any reason within 60 days of the date that the item was shipped from APH, subject to the following conditions:

- We require prior authorization for a return. Write or call APH Customer Service to explain which items you would like to return. We will give you a Return Authorization Number. When returning the items to APH, please write this Return Authorization Number on the outside of the shipping container. APH will refuse a product return if the Return Authorization Number is not written on the outside of the shipping container.
- When returning items to APH, include your original purchase order number or a copy of the original packing slip or invoice. This will allow us to process your return more quickly.
- Items must be nondamaged and in a resalable condition.
- A 10% restocking charge may be deducted from your refund.

Notes: 1.) The following items may not be returned for any reason other than defects, and
2.) An order for the following books may not be canceled once production has begun:

- Software: APH offers free demo versions of our software for you to try. Once you have ordered a full copy of the software, whether a CD or an electronic download, the software may not be returned. The only exception is that you may return a defective CD.
- Special-order items, including custom-made books

Note: An order for the following books may not be canceled once production has begun:

- Large print books (catalog number prefixes 4-, A-L, F-, J-, L-, L-C, or M-)
- Braille Books (catalog number prefix A-B or T-N)

HOW TO ORDER AND RELATED INFORMATION

LIMITED WARRANTIES ON APH PRODUCTS

All APH products are covered by a limited warranty. Certain products are covered by a warranty that expires one year from the date the item is shipped to the end user. All other products are covered by a warranty that expires 30 days from the date the item is shipped to the end user. Warranty does not apply in cases of customer modification, misuse, or abuse of APH products.

Note: Extended warranties do not cover replacement of electronic product accessories, including rechargeable batteries.

WARRANTY ON REPAIRS

There is a 90-day warranty for work performed by APH on repaired equipment. This warranty covers both labor and parts. As always, the warranty does not apply in cases of customer modification, misuse, or abuse of APH products. Please note that extended warranties do not cover replacement of electronic product accessories, including rechargeable batteries.



GENERAL REPAIR POLICY

If you are experiencing trouble with an APH product, please call 800-223-1839. Explain the problem to our friendly Customer Service staff. It is possible that we can solve your trouble over the phone. If it is determined that your product does require servicing, please use the following guidelines.

PRODUCTS UNDER WARRANTY

If your product is still under warranty, we will repair or replace the item at no cost to you (subject to some restrictions). Please ship the product to us along with a written description of the problem.

ORBIT RESEARCH AND FREEDOM SCIENTIFIC PRODUCTS: WARRANTY AND NON-WARRANTY REPAIRS

Customers should notify Customer Service at 800-223-1839 or cs@aph.org for special instructions for repairs of the Orion TI-36 Calculator (1-07335-01), Orion TI-84 Calculator (1-07340-00), Orion TI-30XS Calculator (1-07330-00), Orbit Reader 20 (1-07419-00), and Video Mag HD (1-03914-00). These products should not be returned to APH for repair.



PRODUCTS OUT OF WARRANTY

FEE TO BE DETERMINED FOR REPAIR

Some products do not have a set fee for repairs due to the wide range of prices for repair parts. A non-refundable evaluation/handling fee is charged for these items, which includes return shipping by UPS. Before products are repaired, you will be notified for your approval of the repair fee. If you choose to have the item repaired, the evaluation/handling fee will be applied toward the cost of the repair.

continued...

HOW TO ORDER AND RELATED INFORMATION

The following products have a non-refundable evaluation/handling fee, **discontinued products have a (d) after the catalog number:**

- APH Light-Touch
Perkins Brailler: 1-00815-00 \$150
- APH Smart Brailler
by Perkins: 1-00820-00 \$205
Evaluation Fee (\$135 of total non-refundable)
- Book Port DT: 1-07200-00..... \$50
- Book Port Plus: 1-07191-00..... \$50
- Braille Plus 18:
1-07466-00 (d) no longer repaired
- Joy Player: 1-07089-00 \$50
- Orion Talking Calculators
TI-30XS Multiview
Scientific (d): 1-07330-00..... \$75
TI-84 Plus Graphing: 1-07340-00 \$75
- Perkins/APH Brailler: 1-00800-00 \$205
- Refreshabraille 18 (d):
1-07445-01 no longer repaired
- VisioBook (d):
1-03913-00 no longer repaired

SET FEE FOR EACH PRODUCT FOR REPAIR

There is a specific, set repair fee for some commonly serviced APH products (please refer to list below). The set fee allows us to more quickly and efficiently service your product.

The fee is to be submitted at the time the product is shipped to APH for repairs. Please be sure to include a written description of the problem. You may pay the fee with a check; money order; credit card; purchase order; or Federal Quota order. If you do not include the set repair fee, your equipment will not be repaired until the fee is received.

You will not be charged more than the set fee for a particular item no matter how extensive the necessary repair. Items which are not repairable will be returned to you.

Set Repair Fees for APH Products:

- Handi-Cassette II:
1-07085-00 (d) no longer repaired
- Light Boxes: 1-08660-00 (d),
1-08669-00 (current)\$155
- Mini-Lite Box: 1-08661-00 \$65
- Perkins Braillers: 1-00815-00 (current),
1-00850-00 (d), 1-00860-00 (d)\$150
- Portable Sound Source III:
1-03040-01 (d) \$50
- Portable Sound Source 2003:
1-03040-02 (d) \$50

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The way we see it, every day is independence day.

You grew up using APH products and we're still here for you. We have products for all stages of life, and with the addition of FamilyConnect, VisionAware, CareerConnect, BrailleBug websites we're making lives better whenever and wherever we can.

WELCOME EVERYONE.



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FEDERAL QUOTA FUNDS COULD HELP PURCHASE APH MATERIALS FOR YOUR STUDENTS



The federal Act to Promote the Education of the Blind provides funds for accessible educational materials for eligible students who meet the definition of blindness. An annual registration of eligible students determines a per capita amount of money specifically designated for the purchase of educational materials produced by the American Printing House for the Blind (APH). **These funds are credited to Federal Quota accounts** maintained and administered by APH and its Ex Officio Trustees throughout the United States and Outlying Areas.

WHO IS ELIGIBLE?

While there is **no chronological age limit for eligibility**, for students to be eligible to participate in the Federal Quota Program, they **MUST** meet the following requirements:

- **Meet the definition of blindness** – a central visual acuity of 20/200 or less in the better eye with best correction; or a peripheral field of vision no greater than 20 degrees; or **function at the definition of blindness**, when visual performance is reduced by a brain injury or dysfunction, and visual performance meets the definition of blindness as determined by an eye care specialist or neurologist.
- Be enrolled in a formally organized public or private, nonprofit educational program of less than college level.
- Infants, preschool, and school-aged students must be enrolled with the registering school or agency on the first Monday in January.
- Eligible adult students are those who meet the definition of blindness and who are enrolled in instructional programs, at less than college level, for 20 hours per week. Social and leisure programs do not qualify as instruction; however, student practice to develop skills can be included in instructional hours. Registration will be determined by the number of students enrolled throughout the previous calendar year for at least three months of instruction (an accumulation of 12 weeks).

WHO ARE THE EX OFFICIO TRUSTEES?

For each residential school for the blind, state department of education, or agency for the blind that participates in the Federal Quota Program, an Ex Officio Trustee of the American Printing House for the Blind must be designated. Each Ex Officio Trustee is entrusted with the administration of the Federal Quota Program within his or her system.

WANT MORE INFO?

For more information about the Federal Quota program, visit www.aph.org/advisory/ or call **1-800-223-1839**. On our website, you can find contact information for the Ex Officio Trustees in your state. These Trustees can give you the specific information about whether your student may qualify for APH materials purchased with Federal Quota funds: www.aph.org/federal-quota/trustees/



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